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REPORT

ON

Forest Administration

IN THE

CENTRAL PROVINCES,

FOR

THE YEAR 1892-93.

X/102

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X

OF THE LIEUTENANT

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No. 719-F., dated Simla, the 16th July 1894.

From—SIR E. C. BUCK, KT., C.I.E., Secretary to the Government of India, Department of Revenue and Agriculture,

To—The Chief Commissioner of the Central Provinces.

I am directed to acknowledge the receipt of Mr. Priest's letter No. [illegible] dated the 28th February last, submitting the Annual Reports on Forest Administration in the Central Provinces for the year 1892-93, and your Resolution thereon, and to communicate the following remarks.

2. No material changes have taken place in either the extent or the constitution of the reserved forest area. You rightly attach importance to the classification of the "B-2" reserves. The energies of the Forest Department must be hampered in its administration of the permanently-selected State forests, of which the demarcation cannot be completed so long as the boundaries have not been finally settled. In the survey of the reserves, considerable progress was made, but much still remains to be done.

3. The accepted principle of working-plans, based on area, is correctly quoted in paragraph 7 of your resolution, and in the majority of cases can be carried into effect without formal schemes, provided that the division and subdivision of the area are arranged with intelligence and foresight, and that sylvicultural instructions are prescribed which meet the variation in the character of the forests. The majority of working-plans in the Central Provinces will thus be so simple in their nature that rapid progress may be expected as soon as reliable maps are ready. The operations seem, however, to require the direction of officers of experience. Commendable progress seems to have been made in the Northern circle, except in Betul, in the location of fellings, which will doubtless give much better results than the pre-existing plan of unrestricted fellings under license. In the Southern circle, you observe "with regret that very little has yet been done in this important matter." The Governor General in Council relies on you to take such effective measures as shall secure from your Forest officers, no matter what their individual opinions may be, the full execution of the orders of your administration. His Excellency in Council would be glad to know how far the coupes laid out form part of a complete scheme. It is, of course, perceived by the Conservators that the selection of one year's felling-area is only part, and that the smallest part, of even a provisional working-plan.

4. The Government of India entirely concur in your opinion regarding the necessity of discretion in the application of the penal sections of the Indian Forest Act. They have noticed, with dissatisfaction, the circumstance that the forest administration in the Southern circle during the last year, as in the preceding year, was severely worked, and they endorse your remark that "it is not by perpetual punishments of petty offences that a great department is put on a sound footing." I am to intimate the expectation of the Governor General in Council that the forest officers employed in the Southern circle may not, for a third time, be found wanting in this respect.

5. The total area of forest systematically protected from fire was, according to the returns in Form No. 53, largely increased. But the enhancement appears to have been in great part due to the incorporation in the Northern circle of 1,222 square miles of forest hitherto classed as self-protected. This increase of forest not naturally very liable to conflagration also goes a long way, as

noticed by Mr. Thompson and yourself, to account for a decrease in the cost of fire-protection in the Northern circle. The results of protective measures, actually carried into effect, were however satisfactory in both circles. The remarks contained in paragraph 12 of your resolution cannot be fully understood without further explanation. Although the gross income from cattle-grazing was slightly increased in the Southern circle, the average charge per head in the Northern circle was 25 per cent. in excess of that levied in the Southern circle. The actual rates were, respectively, Rs. 0·197 and Rs. 0·148. Moreover, as compared with the figures of the previous year, no decrease in the charge per head took place in the Northern circle, whereas a slight reduction was made in the Southern circle.

6. The construction of export roads is just as important as the compilation of practical working-schemes. The attention paid to both subjects is satisfactory.

7. The following table shows that, excepting 'minor produce,' the outturn of which was considerably affected by a fall in the myrabolam market, all kinds of forest produce yielded a larger increase :—

Year.	Material removed.				Average outturn per square mile.			
	Timber.	Fuel.	Bamboos.	Minor Produce.	Timber.	Fuel.	Bamboos.	Minor Produce.
	C. ft.	C. ft.	No.	Rs.	C. ft.	C. ft.	No.	Rs.
1892-93 ...	2,288,311	10,363,578	22,249,528	1,55,090	116	528	1,133	8
1891-92 ...	1,756,433	6,760,265	17,761,101	7,65,102	89	344	902	38
Difference in 1892-93	+531,878	+3,603,313	+4,488,427	—6,10,012	27	184	231	30

8. The financial results of the year is exhibited in the following table :—

Year.	Circle.	Receipts.	Charges.	Surplus.	Proportion of surplus to gross revenue.
		Rs.	Rs.	Rs.	Per cent.
Forest year (from 1st July 1892 to 30th June 1893.)	Northern ...	6,21,588	4,95,923	1,25,665	20
	Southern ...	6,06,297	3,97,630	2,08,667	34
	Total ...	12,27,885	8,93,553	3,34,332	27
Financial year.	Northern ...	6,19,873	3,64,176	2,55,697	41
	Southern ...	6,10,981	3,89,471	2,21,510	35
	Total for 1892-93 ...	12,30,854	7,53,647	4,77,207	38
	,, 1891-92 ...	13,59,899	7,14,507	6,45,392	47
	Increase or decrease in 1892-93 ...	—1,29,045	+39,140	—1,68,185	—9
	Average for the five years ending 1891-92	12,00,653	6,91,510	5,09,153	42

The surplus of the year has fallen below the average of the last five years.

The increased income from timber sold in the Northern circle during the financial year is a matter of congratulation, but in the face of the facts reported, that no sales took place of timber from departmental operations and that unregulated fellings were carried out in all forest divisions till the end of the financial year, the reason assigned in your resolution for the increase seems to be hardly justified.

9. The Government of India sympathise with you in your remarks regarding the insufficiency of the present executive staff and the low rates of pay of the subordinate officials, and recognize that an increase is necessary for the development of the future revenue.

10. In conclusion, I am to thank you for your excellent review of the year's administration. The views on forest policy which you express have the full approval of the Government of India: if duly carried into effect by the officers under your orders, they cannot fail of being advantageous alike to the Government and to the people; of conducing to the further reduction in the cost of forest-produce required by the agricultural community; and of leading to the removal of causes of harassment to the people generally, who use the Government forests. The Government of India have noticed with pleasure your commendation of the services of Mr. Thompson, and they have read with sympathy your valedictory remarks regarding Colonel Doveton's labours in the forest service of the Central Provinces.

Appendix showing the discrepancy noticed in the Central Provinces Forest Administration Report for 1892-93.

SOUTHERN CIRCLE.

Paragraph 100 of Report.

The expenditure under A.-III.—Rs. 12 has been omitted.

G. C. Press, Simla.—No 334 R. & A D.—20-7-94.—150.

Extract from the Proceedings of the Chief Commissioner, Central Provinces, in the Revenue Department, No. 920, dated the 23rd February 1894.

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READ—

Letters from the Conservators of Forests, Southern and Northern Circles, submitting the Reports of Forest Administration in the Central Provinces, for the year 1892-93.

RESOLUTION.

Under the instructions contained in Government of India Circular No. 16 F, dated the 7th June 1892, the Forest year has been defined as the period beginning with the 1st July and ending with the 30th June. The last Forest Report for the Central Provinces related to the financial year 1891-92, so that the Reports now under review cover a period of 15 months, *i. e.*, from the 1st April 1892 to the 30th June 1893. This change in the year to which the Reports relate makes a comparison of results—other than financial—somewhat difficult.

2. The total area administered by the Department during the year (10,124 square miles in the Northern Circle and 9,889 square miles in the Southern Circle) differs but little from the totals of the previous year. Such changes as have occurred are due in part to small additions to and exclusions from reserved forest made on administrative grounds or for providing larger *nistar* areas for villages; and in part to the correction of the areas as previously recorded on the basis of the more accurate figures furnished by the Survey Department.

The following table shows the classification of these forests at the close of the year under review as compared with that of the previous year :—

Circles.	31st March 1892.				30th June 1893.			
	A. Forests under strict conservation.	B-1. Areas available for cultivation.	B-2. Undistributed area.	Total.	A.	B-1.	B-2.	Total.
Northern Circle ...	3,945	656	5,478	10,079	3,968	657	5,478	10,103
Southern Circle ...	5,244	9	4,348	9,601	5,118	330	4,071	9,519

In connection with these statistics the Chief Commissioner desires to call the attention of both Conservators to the remarks made in paragraph 2 of last year's Resolution on the Forest Report regarding the importance of classifying B-2 forest areas. The Conservator, Northern Circle, remarks that his proposals to this end "are now ripe and will be submitted shortly," while no reference to the subject is made in the Report from the Southern Circle. The proposals for the Northern Circle should not be any longer delayed, and a Report should be submitted by the Conservator, Southern Circle, showing briefly what is being done and stating when definite proposals may be expected.

3. As regards the excision of forest areas for purposes of cultivation little more remains to be done in the Northern Circle. Good progress has been made with the Mandla scheme referred to in paragraph 3 of last year's Resolution, and it is reported that 769 miles of forest have been selected as suitable for excision, and 195 miles have been chosen by the Forest Officer, Betul, for the same purpose. This work should be pushed through to completion as soon as possible.

The Chief Commissioner observes with regret that very little has yet been done in this important matter in the Southern Circle. The Conservator notes that "certain proposals are before him and will be submitted in due course." The completion of this work in Chanda and Seoni should not be delayed any longer, as it is desirable that the question of excision should be finally disposed of, so as to allow the Department to devote all its energies to the area intended to be permanently reserved.

In connection with this subject, the Government of India, in reviewing the Provincial Forest Report for 1891-92, wished to be informed of the progress made in converting the Gond into a settled cultivator, and also desired to know more particularly in what respects the system of ryotwari settlement which is now in progress in several districts of the Province differs from the Barra cultivation referred to last year by Mr. Thompson. On the first point complete information has not yet been received, and the Chief Commissioner does not think it expedient to delay the submission of the Forest Report until this information reaches him. It will therefore be submitted separately.

As regards the difference between Barra cultivation and the system or ryotwari settlement, it may suffice to say that the essence of the latter is the allotment to each cultivator, in an area excised from Government forest, of a fixed holding, which he cannot change without paying for another survey number. This, it need scarcely be observed, is very different from the shifting and wasteful cultivation in forest areas of which Mr. Thompson complained.

4. It was noticed in last year's Review that the work of boundary demarcation had been practically completed, except in the districts of Chanda and Mandla; 441 miles still remain to be dealt with in the Southern Circle, and it is to be regretted that no progress was made in this work in the year under review. It has now been proposed that the work of demarcation in Chanda should be taken up in connection with the Zamindari Settlement Survey, on the borders of which the greater part of this unfinished boundary lies, and this arrangement will, if possible, be made. In the Northern Circle, it would appear that the work cannot be completed until it has been finally decided what land is to be excised for agricultural purposes in the Mandla District. In other Divisions no more work remains to be done.

As regards the preparation of Boundary Registers fairly good progress seems to have been made in the Northern Circle; and in Saugor and Nimar, where the work had previously been neglected, it has now been completed. The Chief Commissioner is surprised to notice that the Divisional Forest Officer, Hoshangabad, has not yet reported as to the work done by him. No further delay should be allowed to occur in the submission of this Report.

The Conservator, Southern Circle, has failed to mention the progress made in the preparation of Boundary Registers. This is to be regretted as the Forest Report should be as complete a record as possible of the work of the year. The

Southern Circle has hitherto in this matter been far in advance of the Northern Circle, and the Conservator has here, as possibly in other respects, done himself injustice by omitting information and explanation on points upon which the Administration in former Resolutions had laid stress.

5. Forest survey operations were in progress during the year in Raipur, Bhandara, Balaghat, Jubbulpore and Narsinghpur; while the Survey of India carried on work in Nimar. In Bhandara and Jubbulpore survey work has been completed, and fair progress is being made in other districts. The survey maps will be of great assistance in the preparation of Working-plans, and it is most desirable that they should be prepared as soon as possible. There has hitherto been great delay in their completion, and the Conservator, Southern Circle, remarks that, though professional survey parties have been at work in these Provinces for the last five years, not a single map has been received. This matter has been separately brought to the notice of the Government of India.

6. Although a Working-plans officer has been employed in the Southern Circle during the year under review, no Working-plan has yet been sanctioned in either circle. In the Southern Circle a Working-plan for the East Pench Range has been taken in hand and will shortly be submitted for sanction; while in the Northern Circle Working-plans were submitted to the Conservator by the Forest Divisional Officers of Mandla, Jubbulpore, Saugor, Narsinghpur and Nimar. All these plans are reported, however, to be defective in several points and will probably not be ready for final sanction for some time to come. One of the chief difficulties in the way of the prompt preparation of Working-plans has been the absence of officers who can be employed especially on this duty. The Chief Commissioner has recently sanctioned a proposal made by the Conservator, Northern Circle, under which a junior officer is to be appointed in each Forest Division as special Working-plans officer. This is a work which junior officers, if aided by proper advice, are perfectly competent to do, and it seems to the Chief Commissioner to be a much more hopeful plan to have separate officers for the limited area of a division than to appoint a single officer for a whole circle. Mr. Woodburn has recently commended the scheme to the notice of the Conservator, Southern Circle, and he trusts that at no distant date each Forest Division in the Province will be provided with a special Working-plans officer.

7. In paragraph 18 of the Review of the Central Provinces Forest Report for 1891-92 reference was made to proposals which were then under consideration for the improvement of forest working.

These proposals were embodied in this Administration's Resolution No. 102, dated the 5th January 1893. It was pointed out in that Resolution that the small number of Forest officers in these Provinces made it impossible to hope for the early preparation of formal Working-plans, and that some provisional steps of an exceptional character had therefore to be taken which, while facilitating the collection of data preparatory to Working-plans, would at the same time render the working of the forests something less haphazard than it had hitherto been. Briefly stated the scheme consisted in the carving up of forest areas into working circles; the division of the latter into blocks; the sub-division of blocks into working compartments and the restriction of fellings to those compartments, each of which was to be worked out in the course of a year. The parti-

cular attention of Commissioners of Divisions was drawn to the necessity of securing the opening of sufficient working compartments.

These proposals were to a very large extent due to Mr. Thompson, Conservator, Northern Circle, and it is in his circle that the greatest success has been attained in giving practical effect to them.

Two hundred and forty-eight village supply coppice working circles have now been opened in the Northern Circle; their boundaries defined, and coupes for the forward fellings of 1893-94 marked off, standards for reserves selected and marked, and a considerable amount of valuation fellings done departmentally with a view to gaining more accurate knowledge of the average outturn per acre of forest.

The provisional working scheme for these areas, which was sanctioned by the Chief Commissioner during the year, further provided for sowing and planting in blanks, fire protection, protection from grazing, climber-cutting, communications and buildings.

The Southern Circle Conservator has been at a disadvantage in this matter, for in anticipation of sanction the Northern Conservator had made arrangements for carrying promptly into effect the proposals he had submitted; but even in the Southern Circle the main end has been arrived at in the immediate location of all cuttings within fixed limits, except in respect of those forests on which there is at present no demand. The Southern Conservator has not, however, prepared and furnished those clear and precise details which, in the Northern Circle, have given the Administration satisfactory assurance that its orders have been practically and thoroughly carried out. The Chief Commissioner desires that the Conservator, Southern Circle, should examine carefully the methods followed in the Northern Circle in giving effect to these orders, and should insist on his Forest Officers working out all the details of the scheme and giving full effect to them as soon as may be possible.

He does so, because he has great hopes of the future working of this scheme, not only as a step—and an important step—towards the preparation of systematic Working-plans, but also as a means of providing the rural population without inconvenience with such forest produce as they ordinarily require, and thus making the Government system of forest administration less unpopular among them than it now is. It has recently been pointed out by Mr. Thompson that with definite and sufficiently numerous and accessible compartments and with a more accurate acreage valuation it may ultimately be possible to allow villagers to buy up in bulk their annual forest requirements, and thus practically to reintroduce commutation in a form which, while welcome to the people, will be entirely free from objection from a forest point of view. The Chief Commissioner has no doubt but that commutation is more in harmony with the feelings and habits of the people than any other method of levying forest revenue. He is at the same time aware that except in coppice forest it would be difficult to work this plan without serious objection from a sylvicultural point of view, but so large a proportion of the Provincial forests can be worked only as coppice that the plan possesses extreme interest and value. The Southern Circle has not, of late, been so fortunate as the Northern Circle in the number of officers of experience and standing attached to it, but by the adoption of methods similar to those so successfully used in the Northern Circle, the Chief Commissioner does not doubt that the complete and definite partition of coppice compartments will be rapidly effected.

In paragraph 13 of his Report Mr. Thompson refers to a proposed extension of the present provisional working scheme so as to include all the forests of his Circle. The Chief Commissioner will await his more detailed proposals with interest, but will refrain from discussing them further here.

8. Turning now to the actual working of the Department during the year, the following Statement gives the details of the Forest offences reported during the year under review and in the previous year, and also shows the mode in which they were disposed of :—

		1891-92.	1892-93.
Northern Circle ...	Reported and detected	3,338	2,831
	Prosecuted	79	162
	Per cent. convicted	75	78
	Cases compounded under Section 67 ..	2,963	2,614
Southern Circle ...	Reported and detected	5,201	5,715
	Prosecuted	154	173
	Per cent. convicted	70	73
	Cases compounded under Section 67 ..	4,886	5,067

Any detailed comparison of the figures is impossible owing to the fact that those for 1892-93 relate to 15 months, while those for the previous year are for 12 months only. It is, however, gratifying that even for the longer period the total number of cases reported in the Northern Circle is less than in the previous year, while in the Southern Circle, where the total number is larger, an analysis of the figures for the 12 months ending the 30th June 1893 shows that it is smaller by 10 per cent. than the total for the financial year 1891-92.

A particularly welcome feature in the figures for the Northern Circle is the marked decrease (922 offences as against 1,570 in the previous year) which has taken place in offences connected with grazing. This is ascribed by Mr. Thompson to the effect of Sir A. MacDonnell's orders regarding grazing licenses, which were referred to in paragraphs 13 and 14 of the Resolution on the Forest Report for last year. The Chief Commissioner, however, observes with some surprise that there has been no corresponding decrease in the Southern Circle, where the total number of grazing offences reported and detected is not merely much higher than that for the Northern Circle (1,678 as against 922), but is also slightly higher than the figures for the previous year. The figures for Chanda (435) and Seoni (497) are certainly far too high, and taken with the other figures for this Circle appear to indicate that full effect has not yet been given to the orders regarding grazing licenses which were issued in paragraphs 6 and 7 of Resolution No. 2754, dated the 5th August 1892, and in paragraphs 9 and 10 of Resolution No. 102, dated the 5th January 1893, and which were again referred to in paragraphs 13 and 14 of the Resolution on the Forest Report of 1891-92. The Chief Commissioner is convinced that the changes in method which these instructions were intended to effect will give a very real relief to the people, and he desires that the attention of all Forest Officers should be drawn to the importance of seeing that they are fully and loyally carried out in practice.

9. The total number of offences reported in Saugor (1,135) though somewhat less than last year, is still higher than that for any Forest Division in the Province. The Chief Commissioner would have hoped that the remarks on this matter in paragraph 9 of last year's Resolution would have led to a marked improvement in this district, and he regrets to find that so little change is shown. The total in Damoh (402) is also high for so small a district, and from facts which came to his notice in his recent tour in these districts the Chief Commissioner inclines to think that both in the matter of village boundaries and in the practical working of our forest system there is much room for improvement. The Chief Commissioner desires that the matter should have the careful attention of the Deputy Commissioners and of the Forest Department during the current year.

10. As regards the number of cases compounded during the year the figures again indicate that forest administration is more severely worked in the Southern than in the Northern Circle. The total number of cases in the former Circle (5,067) was nearly double that in the latter (2,614), while as regards the number of persons involved (15,093 as compared with 6,790) the difference was even more striking. After the remarks made in the Resolution on the last Forest Reports, the Chief Commissioner expected that some explanation would have been given by the Southern Conservator of the habitual and striking difference between the statistics of Forest offences in his own and the Northern Circle. It may be that the forests of the former are more broken into blocks, surrounded by cultivated country, and therefore more liable to pilfering, but if that be the explanation, it ought to have been offered. As the figures stand, the officers of the Southern Circle are open to the charge of great and unnecessary strictness in the working of their forests. Complaints against the harassing character of the Forest administration in regard to small matters have so frequently come to the Chief Commissioner's notice that he wishes to lay particular emphasis on the necessity of enforcing discretion on all Forest subordinates in relation to the practical working of the Forest Act. It is not by perpetual punishments of petty offences that a great department is put on a sound footing. He trusts that this matter will now show improvement, and that the Deputy Commissioners of the Southern districts will remember that under recent orders they are directly responsible that the Forest rules are not so administered as to produce unnecessary harassment to the people.

The total number of cases prosecuted (335) is still small, and it is satisfactory to notice that the percentage of convictions has risen in both Circles as compared with that of the previous year.

11. The areas under special fire protection in each Circle, and the measure of success obtained, are contrasted in the following Statement with the figures of the previous year :—

Circle.	Area under protection.		Area successfully protected.		Percentage of area successfully protected to area attempted.		Total cost of special protection.	
	1891-92.	1892-93.	1891-92.	1892-93.	1891-92.	1892-93.	1891-92.	1892-93.
	Sq. miles.	Sq. miles.	Sq. miles.	Sq. miles.			Rs.	Rs.
Northern Circle. ...	1,820	3,559	1,773	3,550	97	100	18,320	20,952
Southern ... Circle.	2,050	2,075	1,885	2,054	92	99	33,870	28,786
Total ...	3,870	5,634	3,658	5,604	95	99	52,190	49,738

These figures show considerable improvement over those of 1891-92. The area protected was—owing to the increase in the Northern Circle—larger, and the percentage of this area, which was successfully protected, was 99 as compared with 95 in the preceding year. The incidence of cost per square mile (Rs. 5-14-5 in the Northern and Rs. 14-0-3 in the Southern Circle) has also decreased; but the decrease is far the more striking in the Northern Circle, where it is little more than half what it was in 1891-92. Both this result and the increase in the area under special fire protection are ascribed by Mr. Thompson to the new areas which were taken up in his Circle for systematic working. It is to be regretted that Colonel Doveton was not able to secure similar results, and the Chief Commissioner will expect in the next report a careful statement of the reasons for the difference in the relative cost of fire protection in the Southern Circle, especially in the districts of Chanda, Raipur, Sambalpur and Chhindwara.

It should be added that owing to frequent showers the year was a very favourable one for fire protection. It was only in Saugor, Damoh and the districts of the Chhattisgarh Division that there was any material failure in protection, and the Chief Commissioner observes with satisfaction that in the Chhattisgarh districts the failures were much less extensive than in the previous year.

12. The following table shows the number of animals grazed in the period under review and in the preceding year, and the receipts from this source (*vide* Annual Form No. 55) :—

Circles.	Animals.			Grazing receipts.		
	1891-92.	1892-93.	Difference.	1891-92.	1892-93.	Difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Northern Circle ...	1,362,499	1,355,995	—6,504	2,68,617	2,67,349	—1,268
Southern Circle ...	1,577,357	1,685,926	+1,08,569	2,42,786	2,48,817	+6,031
Total ...	2,939,856	3,041,921	+1,02,065	5,11,403	5,16,166	+4,763

The main point which calls for remark in these figures is once again the contrast between the figures for the Northern and Southern Circles. The considerable increase in the latter circle, both in the number of animals grazed and in the amount realized, would seem to show that insufficient attention has been paid to the recent orders of the Administration regarding Provincial licenses and cattle in transit. Mr. Woodburn desires that the Conservator should make special enquiries on this point, and that he should satisfy himself that full and practical effect is being given to these orders.

13. But little seems to have been done for the improvement of forest growth during the year. Improvement fellings were carried out within certain limited areas in the Southern Circle, and some progress was made in both Circles in the cutting out of destructive climbers.

The Chief Commissioner looks mainly to the extension of the Provisional Working Scheme and to the practical carrying out of regular Working-plans for

real improvement in forest growth. In this as in other respects he considers it of the utmost importance that no time should be lost in bringing as large an area of forest as possible under a systematic working scheme.

14. The expenditure on communications and buildings again increased from Rs. 15,616 to Rs. 17,681, but only a comparatively small portion of this total was spent on roads, while only 68 miles of new roads were made. If the Chief Commissioner has learnt anything in regard to the Provincial forests in his present tour, it is the imperative necessity of improved communications. Large schemes of Provincial roads are in preparation, which will make some of the forests more accessible, and the Conservators must give their earnest attention to the construction of feeders to bring their timber to market. Mr. Woodburn thinks that both Commissioners of Divisions and Deputy Commissioners, as well as Forest officers, should bear this subject in mind in the course of their tours and should bring to the notice of the Chief Commissioner any cases in which new roads or the repair of existing ones may be necessary for the easy removal of forest produce.

15. In the following table the financial results of the 15 months ending with the 30th June 1893, are compared with those of the financial year 1891-92:—

	1891-92.	1892-93.*
	Rs.	Rs.
RECEIPTS.		
Northern Circle	6,69,720	7,07,037
Southern Circle	6,90,179	7,41,471
Total ...	13,59,899	14,48,508
EXPENDITURE.		
Northern Circle	4,34,937	4,80,991
Southern Circle	3,68,979	4,98,599
Total ...	8,03,916	9,79,590
SURPLUS.		
Northern Circle	2,34,783	2,26,046
Southern Circle	3,21,200	2,42,872
Total ...	5,55,983	4,68,918

As the periods in the two successive years are of different length no real comparison is possible, and for purposes of criticism reference must be made to the detailed figures given in the Conservators' Reports.

The following figures show the receipts of the two Circles for the financial years 1891-92 and 1892-93 :—

		1891-92. Rs.	1892-93. Rs.
Northern Circle	...	6,69,720	6,19,873
Southern Circle	...	6,90,179	6,10,981

In both Circles receipts have diminished. In the Northern Circle this is ascribed to the effect of the new grazing rules and to the fact that no timber was removed or sold by departmental agency, while in the Southern Circle the reasons given are the general belief on the part of the public that there would be a further lowering of forest rates—a belief which led intending purchasers to hold back. Further, frequent and excessive rain made many of the forest roads impassable and hindered the removal of forest produce, while the prevalence of cholera in the Chhattisgarh districts held back purchasers there.

Apart from these reasons it is possible that difficulties connected with the starting of the Provisional Working Scheme may have somewhat retarded the growth of forest income, but the Chief Commissioner anticipates that the facilities for obtaining and removing produce which that scheme will ultimately give, will do more to improve the income from our forests than any administrative step that has been taken in recent years.

In confirmation of this view it may be observed that in the Northern Circle, where the Provisional Scheme was in working order during a considerable part of the year, the receipts from timber, fuel and bamboos removed by purchasers showed a considerable advance on the figures of the previous year. For timber alone the total was Rs. 1,13,726 as compared with Rs. 96,273 in 1891-92. This, Mr. Woodburn thinks, is a satisfactory indication of what may be done by a more systematic and practical method of forest exploitation. Meanwhile it is matter for reflection and regret that so large a proportion of the income of the forests should be derived, not from timber but from grazing. The timber of the Provincial forests had been sadly damaged by excessive cutting before they were brought under professional management; their best timber now is in almost inaccessible regions; they contain vast areas of grazing ground, which in the interests of the general public it is right to economically utilize; but the Forest officers must keep always prominently in view that their one principal aim and object as departmental officers is the husbanding and preparing of the forest stock for the market. Their work is to get it ready for the market and bring it to the market. To this end they must partition and adjust their forests; to this end they must make roads and supplement communications. To this end, above all things, they must remember that everything else is subsidiary and secondary. The grazing resources found in the forests must be prudently and economically managed, but not without very careful regard to the convenience and comfort of the neighbouring subjects of the State.

The figures under expenditure do not call for any detailed comment.

16. It remains to make a few observations on such points of general forest administration as have not already been noticed.

The great obstacle in the way of effective forest administration in these Provinces—an obstacle which is more than once referred to by both Conser-

vators—is the insufficiency of the present executive staff and the low rates of pay of the subordinate officials. The Chief Commissioner has recently again represented this to the Government of India and has pointed out that an increase in the executive staff would not only make work more efficient, but would almost certainly result, at no distant date, in an increment in revenue more than commensurate with the larger expenditure involved.

It may be observed that the system of levying forest revenue by the means of stamps has not worked altogether satisfactorily. It is possible that further experience may remove several of the difficulties which have arisen in connection with it, but the Chief Commissioner hopes that, with the further elaboration of the Provisional Working Scheme, it may be possible to arrange more generally for the disposal of forest produce in bulk and thus, by the introduction of an improved system of *quasi*-commutation, to make the use of separate licenses much less necessary than it now is.

As regards administrative changes made during the year, the most important have been—

(*a*) the inauguration of a Provisional Working Scheme in anticipation of the elaboration of regular Working-plans;

(*b*) the reduction of grazing rates and the abolition of the distinction between forest and forest in respect of grazing;

(*c*) the introduction of special rates for poles up to 24″ girth, bamboos, firewood, thorns, grass, in favour of agriculturists.

Respecting the first two of these changes, sufficient has already been said in this Resolution, and in that dealing with the Forest Reports of 1891-92. With regard to the last, it is as yet too early to report. Conservators will observe its working during the current year, and will notice it in more detail in their next Annual Report.

A further minor matter may appropriately be noticed here. By Resolution No. 3972, dated the 24th October 1892, it was decided to encourage the useful industry of Tassar-silk production by allowing silk-worm rearers to have suitable forest land at the nominal rate of an anna an acre for a rotation period of four years. It is as yet, however, too early to judge of the effect of this measure.

It may be noted in conclusion that the scheme by which the Forest Officers of the Punjab, Berar, Coorg and these Provinces are, for purposes of appointment, promotion, &c., amalgamated in one list, has not, so far, worked very smoothly. There has been very great delay in notifying promotions, and much discontent has been caused by this delay. It is to be hoped that the scheme will work more satisfactorily during the current year.

17. The Chief Commissioner has pleasure in acknowledging the services of the several officers selected by the Conservators for commendation, and he especially agrees in the praise given to Messrs. Thomas, King and Hicks in the Northern Circle and to Mr. Lowrie in the Southern Circle. On the other hand, Mr. Woodburn notices with regret that Mr. Caccia did so little towards introducing the Provisional Working Scheme in Betul, or in preparing Working-plans for that Division. To Mr. Thompson himself the Chief Commissioner is indebted, not only for the energy and skill shown by him in giving practical effect to the instructions of the Administration regarding the introduction of a

Provisional Working Scheme, but also for the careful attention which he has paid to all points of forest administration, and for his full and interesting Report on the operations of the year.

Colonel Doveton retires this spring after completing thirty years of continuous and indefatigable service in these Provinces. The local knowledge he has acquired is so minute and detailed, his stores of information so rich, that his assistance would have been valuable in the completion of that system of compartments which is the foundation of all good forest work, and it is with sincere regret that the Chief Commissioner records these parting acknowledgments of the long and strenuous labours of Colonel Doveton in the forests of the Central Provinces.

ORDER.—Ordered, that a copy of this Resolution (with the usual number of spare copies) be submitted to the Government of India, in the Revenue and Agricultural Department, and that a copy be forwarded to the Conservators of Forests, Southern and Northern Circles, for information and guidance; also that it be published in the Supplement to the *Central Provinces Gazette*, and that copies, bound with the Report, be distributed as usual.

[True Extract.]

H. H. PRIEST,

Secretary to the Chief Commissioner,

Revenue Department.

Secretariat Press, Nagpur :—26-2-94—300.

No. B-142 of 1893-94.

FROM

COLONEL J. C. DOVETON,

CONSERVATOR OF FORESTS, SOUTHERN CIRCLE,

Central Provinces,

To

THE SECRETARY TO THE CHIEF COMMISSIONER,

REVENUE DEPARTMENT,

Central Provinces.

Dated Nagpur, the 13th October 1893.

SIR,

I have the honour to forward the Annual Report on Forest Administration in the Southern Circle, Central Provinces, for the year 1892-93.

I have the honour to be,

Sir,

Your most obedient Servant,

J. C. DOVETON, COLONEL,

Conservator of Forests, Southern Circle,

Central Provinces.

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REPORT

ON

FOREST ADMINISTRATION

IN THE

SOUTHERN CIRCLE

OF THE

CENTRAL PROVINCES,

FOR THE YEAR 1892-93.

BY

COLONEL J. C. DOVETON,

CONSERVATOR OF FORESTS, SOUTHERN CIRCLE, CENTRAL PROVINCES.

INTRODUCTION.

By the Government of India Circular No. 16-F., dated the 7th June 1892, it has been prescribed that the Forest year shall include the period from the 1st July to the 30th June. As the last report submitted was for the financial year 1891-92 the present report refers to the period of fifteen months from the 1st April 1892 to the 30th June 1893. The change in the period to which the report refers has in this—the first year of its application—caused some addition of clerical labour in the compilation of the returns and statements, and except in respect of financial results has rendered comparison of results difficult.

2. By the Chief Commissioner's Resolution No. 102 of the 5th January 1893, certain changes were made in the rates to be charged agriculturists for building-wood, fuel, grass, thorns and leaves. By the same Resolution and by Resolution No. 2754 of the 5th August 1892, the grazing rates and the privilege enjoyed by the holders of grazing licenses were modified. The general effect of these changes is a reduction of rates.

3. The year was rendered exceptional by the distribution of the rainfall between June 1892 and June 1893. Rain fell freely in the early and latter part of January and again during the first half of March. There were frequent showers in February; rain fell in April and May and again almost throughout the month of June. These conditions were on the whole favourable for fire protection, but scarcely so for the other operations the Department had on hand. The showers that fell during the time that is usually regarded as the carting season interrupted traffic, and thus diminished the demand on the forests and tended to keep down the receipts.

4. Under the sanction of the Local Government, accorded under the provisions of the Civil Service Regulations, a concession has been granted in favour of Forest Rangers and Foresters in the position of Range officers. Hitherto men in this position received no compensation for travelling expenses so long as their duties did not take them beyond the limits of their respective charges. Under the concession above referred to they draw from the 1st of April last fixed monthly travelling allowance varying from Rs. 12-8-0 to Rs. 20

per mensem according to the extent and importance of their charges. The concession redresses what has for sometime been regarded more or less as a grievance and will, it is believed, have a very beneficial effect.

CHAPTER I.

Extension and Constitution of State Forests.

(i).—*Alteration of Area.*

5. The modifications in the area of the State forests that have taken place during the year are detailed in form No. 46. The following abstract gives the net result of these changes and the result under each of the main heads under which the forests are classed :—

	Area on the 31st March 1892.	Area on the 30th June 1893.	Difference.	
			More.	Less.
	Acres.	Acres.	Acres.	Acres.
Reserved Forest, Class A ...	3,356,014	3,275,280	...	80,734
" " Class B ...	2,782,532	2,605,557	...	177,075
" " Class B-I ...	5,852	211,393	205,541	...
Unclassed State Forests ..	238,072	236,934	...	1,138
Total ...	6,382,570	6,329,164	...	53,406

6. The difference in the area coming under each of the four heads adopted is explained as follows :—

In the Nagpur Division 3,072 acres were declared Reserved Forests by Notification No. 1585 of the 3rd April 1893, and transferred from Unclassed to Class A and in the same district 1,934 acres, hitherto incorrectly regarded as Reserved Forests, have been transferred from Class A. to the head Unclassed Forests.

In the Balaghat Division 182,181 acres, which on completion of the selection of the A Class Reserves should have been placed in Class B-I, have now been transferred to this class.

In the Chanda Division 23,360 acres were under the sanction conveyed by the Chief Commissioner's Resolution No. 2164 of the 27th June 1892, transferred from Class A to Class B-I and are now held available for cultivation when required.

An area of 1,351 acres was also disforested and alienated in the Chanda and Sambalpur Divisions, details of which with the number and date of the notifications will be found in form No. 46.

On re-computation of the forest areas in Chanda a considerable difference was found between the figures arrived at and the recorded areas, the net outcome of which, with slight corrections elsewhere, reduces the recorded area by 52,055 acres.

7. The actual decrease in the total area at the disposal of the State was only 1,351 acres, the remainder of the total difference of 53,406 acres resulting merely from the correction of the recorded areas.

8. The selection of other areas to be made available for the extension of cultivation has, in spite of other heavy duties laid on the Divisional officer, made good progress in Chanda, and certain proposals on the subject have been received, which will in due course be submitted for the orders of the Local Government.

(ii).—*Forest Settlements.*

9. There is little to record under this head for this circle. From form No. 47 it will be seen that 5 square miles in Nagpur were finally settled and declared Reserved Forests and that 15 blocks aggregating 23 square miles in Chanda are still under settlement. The former area has been included in the Mohgaon and Rechara blocks of the West Pench Range. Of the 23 square miles shown as under settlement it is probable that only a portion will be finally reserved, the rest being made available for the extension of cultivation. There was no special expenditure on account of Forest settlements.

(iii).—*Demarcation.*

10. The total expenditure on account of demarcation during the year under report was Rs. 4,349. The work done under this head is reported in form No. 48. The 213 miles of boundary therein shown as demarcated during the year at a cost of Rs. 847 are not new boundaries, but merely existing boundaries that had not before been properly defined. There still remains 441 miles of boundaries chiefly in remote localities bordering on the zamindaries to be demarcated, but it is expected that this will be completed during the coming season.

11. Of the total length of artificially defined boundaries 10,027 miles are returned as maintained at a cost of Rs 3,502. A considerable portion of the boundaries are, however, cleared and kept up in the process of preparing for fire protection, the charges on which account are debited to head A-VIII *f*.

12. Judging from the boundaries that came under the Conservator's observation during the past season, the condition of the boundaries generally is good, but in places there is field for improvement, and unless kept down by the extension of fire protection the expenditure on this account may well be increased to eight or nine thousand rupees per annum.

(iv).—*Surveys.*

13. The expenditure on account of surveys during the year under report amounted to Rs. 17,044, of which Rs. 24 only were incurred on boundary surveys by local officers, the remaining Rs. 17,020 being the cost of survey by the Forest Survey parties engaged in this circle.

14. Particulars of the work done by the Forest Survey parties are given in the following copy of a Note furnished by the Superintendent, Mr. Reynolds :—

" During the field season of 1892-93 or between the 1st October 1892 and the 30th June 1893, survey operations by the Imperial Forest Survey Branch, under the direction of Mr. W. H. Reynolds, were carried on in the districts of Raipur, Bhandara and Balaghat. The

detachments took the field towards the end of November and closed work about the middle of June.

"The Raipur Detachment was under the charge of Mr. James Marten, and the Bhandara and Balaghat work was under Mr. O. Litchfield's charge. The survey of the forests in the Bhandara District having been completed by the 20th February, Mr. Litchfield's detachment moved into the Balaghat District, and continued field work in that district until the close of the field season.

"The areas topographically surveyed were as follows :—

The Raipur District on the	4″	scale,	177	square	miles.
" " "	16″	"	9	"	"
The Bhandara " "	4″	"	74	"	"
" " "	16″	"	6	"	"
The Balaghat " "	4″	"	88	"	"
Total		...	354		

"In the Raipur District 25 linear miles of traversing were run to supplement the previous traverse data, and 106 linear miles of levelling were carried through, the work being for determining the contour of the country where there were insufficient trigonometrical heights.

"For all areas surveyed on the 4″ scale a record of forest distribution and classification of soils was prepared, and 127 linear miles of check surveys were run throughout the areas surveyed, and the work stood the tests that were applied. As the survey year does not close until the 30th September it is not possible to give the cost rates of the work for the period referred to, as the mapping and computation charges for the year will have to be added before these rates can be deduced.

"The cost rates for the survey year ending the 30th September 1892 were as follows :—

Raipur District,	4″ and 16″	scales,	Rs. 38·7	per square	mile.
Bhandara "	"	"	" 35·9	"	"

"Owing to there having been a pressure of work for some time past in the Photozincographic office, due chiefly to urgent demands for maps for the Military Department, it has not been possible to pass through the press, as early as could be desired, the maps of the Forest Survey Branch."

15. From form No. 49 it will be seen that the progress in professional surveys has been as follows :—

Boundary Surveys, scale 16″=1 mile—

	Square miles.
Surveyed in previous years	223
" during the year	15
Total ...	238

With interior details, scale 4″=1 mile—

Surveyed in previous years	1,253
" during the year	339
Total ...	1,592

It has not been possible to record separately the cost of boundary surveys. The total expenditure up to the 30th June 1893 has amounted to Rs. 92,684, of which Rs. 17,044 represents the expenditure of the year. Of the latter amount Rs. 24 were incurred on small boundary surveys by local officers. The balance represents the expenditure of the Imperial Forest Survey Branch.

16. In Form No. 49, opposite the Bhandara Division, there is a discrepancy between the figures of columns 2 and 3 and the area given in column 27. The latter is the closest estimate of the area that it has been possible to obtain, yet the area surveyed, and which is reported to include the whole area of the Government forests and something more, is returned as 515 square miles only, or less than the estimated area of the forests by 36 square miles. When the actual result of the survey is known the difference will probably be found to be considerably more.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(a).—*Working-Plans and their control.*

17. Working-plans do not yet exist in this circle. The great drawback and difficulty with which the Department has had to contend, has been the want of correct boundary and good topographical maps, without which the preparation of Working-plans is a vastly more laborious task and is attended with far greater difficulties than would otherwise be experienced. Up to the present, though professional survey parties have been at work for the past 5 years, not a single published map has been received. Some of the sheets are now, however, shortly expected.

18. A Working-plan for the East Pench Range in the Nagpur Division has been taken in hand on the lines approved by the Inspector-General of Forests in his letter No. 82-W.P. of the 30th July 1892, but here again delay has been caused by uncertainty as to how far the available maps were reliable. This plan, which will provide for the working and management of 155 square miles, will, it is expected, be submitted for the opinion and remarks of the Inspector-General of Forests by December.

19. In order to give effect to the terms of the Chief Commissioner's Resolution No. 102 of the 5th January 1893, an effort has been made to effect a complete sub-division of the forests into Working-circles, a fixed area of which might be worked each year. The result of this attempt has not been altogether satisfactory: but it was a gigantic undertaking to attempt in so short a time.

The main end has, however, been arrived at, namely, the immediate location of all cuttings within fixed limits except in respect of certain remote forest on which there is at present no demand.

Balaghat.

20. In the Balaghat Division there is but very narrow scope for the application of the system required by the Resolution already quoted, there being much more or less inaccessible hill forest and much hill forest that must be primarily classed as bamboo forest; while the area in which vigorous re-growth from the stool can be relied on with certainty is very limited. These latter areas the Divisional officer has been required to devote to meeting present requirements in small wood, but he has not yet submitted maps illustrating what has been done. The first proposals

submitted by him had to be rejected, as in a very short time they would have exhausted the source for the supply of small building wood within a reasonable distance of the present seat of demand.

Bhandara.

21. In Bhandara the work has not yet been completed, but what has been done has been well done, and when Working-plans for these areas are drawn up will probably be adopted for the next 20 years.

22. In the Gaikhuri Range 40,692 acres have been formed into three Working-circles, to be worked on a rotation of 30 years, and they have each been divided into compartments defined on the map, but of which those for the current year's working only are completely defined on the ground.

23. The Powni Range, comprising 26,158 acres, has similarly been formed into four series of cuttings or Working-circles, to be worked for the present on the same rotation, the year's cuttings having been defined on the ground.

24. The hill forests of the Bawanthari Range and the Dudhara Reserve, which must be treated entirely as high forest, have not been dealt with under the scheme, but the Divisional officer reports that the completion of his maps only is necessary to enable him to submit his preliminary plans for the treatment of the remaining forest area on a 30 years' rotation.

Bilaspur.

25. In the Bilaspur Division, where the forests are grouped in three main blocks or groups of forests, the forest area has been divided into 14 Working-circles, and in each of these, areas ranging from 300 to 400 acres have been selected for the first year's cutting of small building wood and fuel. The sub-division adopted is entirely provisional.

The extent of rugged hilly ground and of more or less barren rocky areas by which the rest of the forest is broken up has rendered it impossible to make any definite sub-division within the time available.

Chanda.

26. In the Chanda Division out of an area of 1,483,361 acres, 75 blocks aggregating 58,999 acres have been marked off for the year's felling; these are conveniently distributed both with reference to the forest area as a whole and the requirements of the people.

Chhindwara.

27. For the Chhindwara Division proposals for the sub-division of the forests as required were drawn up and submitted by the Divisional officer, but have had to be returned for amendment.

Nagpur-Wardha.

28. In the Nagpur Division in the Umrer, Katol and Nagpur Ranges, 95,000 acres have been formed into twelve Working-circles to be worked on a rotation of 30 years; while in the East and West Pench Ranges certain areas have been marked off to meet immediate requirements. The future working in the East Pench Range will be fixed by the Working-plan now being drawn up.

29. In the Wardha District, forming part of the Nagpur-Wardha Division, a portion of the forest area has been found too unproductive to take for the present into account; 73,699 acres have been provisionally formed into eight

Working-circles, one-thirtieth of which will be worked annually. Here again the forests are confined almost entirely to the north of the district, and hence a large number of coupes would not be necessary.

Raipur.

30. In the Raipur Division 134,588 acres have been so divided as to form 16 series of cuttings on a 30 years' rotation. The area of the 16 coupes of each year will aggregate 4,480, and the outturn from which, supplemented by grass and dead wood from other forests, will, it is expected, be fully sufficient to meet the present demand. As the demand increases—as it will do—with improvement in the means of communication, other areas can be taken in hand. In the immediate present selection has been limited by the means of communication as well as the demand.

Sambalpur.

31. In the Sambalpur Division of the forest in the Barapahar Range 122,668 acres have been divided into ten blocks each to form a separate series of cuttings, and of each of which approximately one-thirtieth will be open for cuttings in each year. Similarly in the Sambalpur Range 74,540 acres were divided into nine blocks, to be treated for the present on the same rotation.

Seoni.

32. The proposals made by the Divisional officer, Seoni, under the Resolution already referred to, did not reach this office in time to be dealt with before the close of the Forest year, and were therefore sent to the Conservator, Northern Circle, for disposal.

(*b*).—*Annual Plans-of-Operations.*

33. Annual plans of operations have been duly submitted, and except in respect of road-making and buildings, to which during the season officers have had but little time to attend, have been generally worked up to.

II.—Working of the Year.

(*a*).—*Communications and Buildings.*

34. The total expenditure under this head has only amounted to Rs. 7,990, of which Rs. 2,211 were on account of roads, Rs. 4,989 on account of buildings, and Rs. 791 on account of other works.

Particulars of the work done under this head are given in Form No. 51. The expenditure has been less than might advantageously have been incurred if Divisional officers' time had not been so much taken up with other works.

35. Of the expenditure on account of roads Rs. 1,889 were spent in keeping in repairs 821 miles of ordinary country-cart roads through the forest, and Rs. 271 in laying out 21 miles of road of the same class; while Rs. 51 were spent in projecting for a road over Barighat into the Lormi Forest—a difficult piece of work which was taken up by the Public Works Department.

36. Under the head of Buildings Rs. 2,504 were spent on the construction of 104, and the repairs of 292, temporary quarters for subordinates; Rs. 941 on the construction of permanent quarters for one Hospital Assistant and three Range Officers; Rs. 534 on the purchase and collection of materials for other permanent quarters; Rs. 104 on the repairs and maintenance of Depôt buildings; Rs. 518

on the repairs of four rest-houses, and Rs. 245 on the maintenance of the Chanda bungalow, and Rs. 143 on the purchase of materials for and part construction of four Sub-range officers' quarters.

For the maintenance and improvement of the water-supply for the members of the Forest Establishment and workmen, Rs. 791 were spent on the construction and repairs of small tanks and the repairs of wells.

(b).—*Protection of Forests from injury.*

(1).—General Protection and Breaches of Forest Law.

37. From Form 52, it will be seen that the total number of cases of breach of Forest Law reported during the 15 months ending with June 1893, was 5,715. Of these, 75 related to injury to forests by fire, 3,590 to the unauthorized felling or removal of timber, 1,678 to grazing without permission, and 372 to offences of other kinds.

38. During the 12 months ending with June 1893, the number of cases was 4,780, against 5,309 in the financial year 1891-92, thus showing a decrease of 529 cases, or nearly 10 per cent. The decrease has not, however, been uniform. In Sambalpur, Bhandara and Chhindwara there has been an increase in the number of cases reported; in Sambalpur an unusual number of cases of injury to forests by fire or breaches of rules relating to this subject were detected, though here as elsewhere the increase in the number of cases has probably in a measure been due to the failure at the outset of the stamp vendors to keep themselves supplied with stamps and fully discharge their duties.

39. The total number of cases reported during the 15 months ending with June 1893, together with those pending at the close of the preceding year, was 5,784, of which in 18 the offenders were undetected; of the remaining 5,766 cases, 173 were taken into Court, and 5,393 compounded, leaving 200 cases undisposed of at the close of the last Forest year.

40. Of the 173 cases taken into Court, 169 were decided, and convictions obtained in 127 cases; thus the percentage of convictions was 73·41, against 70·54 in the official year 1891-92.

41. In the following table the prosecutions and their results are shown separately for each Division:—

	Balaghat.	Bhandara.	Bilaspur	Chanda.	Chhindwara.	Nagpur.	Wardha.	Raipur.	Sambalpur.	Seoni.
Cases prosecuted	7	15	17	11	13	18	10	24	56	6
Convictions obtained	4	9	12	7	13	12	6	15	46	3
Acquittals	3	3	5	4	...	6	4	9	9	3
Pending	...	3	...	...	...	...	...	...	1	...
Percentage of convictions... ...	57·14	75·00	70·59	63·64	100·00	66·67	60·00	62·50	83·64	50·00

The percentage of convictions was lowest in the Seoni and Balaghat Divisions and highest in Chhindwara and Sambalpur.

42. In the 5,067 cases compounded 15,093 persons were involved. A number of the cases were of course of a petty nature; in many of them there was practically no penalty at all, the people being allowed the produce on payment

of the scheduled rates; while in the majority of cases the amount received being double dues, the penalty was only the value of the produce in respect of which the offences were committed. The actual amount of compensation taken was Rs. 7,604-8-9, which gives an average of annas 8·06 for each person.

(2).—Protection from Fire.

43. In some respects the season was unfavourable to fire protection, inasmuch as in all but the very driest forests the unusual rains during the cold and early part of the hot season checked and delayed the arrangements for systematic protection, but on the whole it was decidedly favourable, and favourable especially for the escape from fire of those areas not under special protection.

44. The results of the year in those forests not under special protection are given in the following statement :—

Division.	Total area of Government Forests.	Deduct area under special fire protection.	Balance.	Area burnt over.	Area which escaped being burnt.	Percentage of area which escaped.
	Acres.	Acres.	Acres.	Acres.	Acres.	
Balaghat ..	711,885	183,342	528,543	81,840	446,7 0	84·51
Bhandara ...	352,838	86,136	266,702	6,229	260,473	97·66
Bilaspur ...	414,891	308,685	10 ,206	59,999	46,207	43·50
Chanda ...	2,178,176	375,324	1,802,852	1,286,000	516,852	28·67
Chhindwara ..	452,386	26,240	426,146	6,181	419,965	98·55
Nagpur ...	334,963	84,860	250,103	770	249,333	99·69
Wardha ...	128,034	32,672	95,362	1,370	93,992	98·56
Raipur ...	886,210	62,080	824,130	121,703	702,427	85·23
Sambalpur ...	252,019	29,977	222,042	7,634	214,408	96·56
Seoni ...	617,762	138,700	479,062	121,685	357,377	74·60
Total ...	6,329,164	1,328,016	5,001,148	1,693,411	3,307,737	66·14

45. The area shown as having escaped being burnt is only roughly estimated, and it is feared that the estimate for Raipur at least is excessive. The maximum degree of safety has as usual been where grazing has been heaviest, and the minimum in the wilder parts and on the borders of zamindaries.

46. The areas under special protection during the dry season, 1892-93, are recorded in detail in Form No. 53. The area was increased during the year by 16,175, thus making the total area under special protection 1,328,016 acres, of

which, 1,314,417 acres were successfully protected at a cost of Rs. 28,786. In the following abstract statement are given the results and the cost :—

Division.	Areas under organized protection.			Result of protection obtained during dry season.		Percentage of failures to areas attempted	Cost during the season.	Average cost for areas attempted.		Average cost for areas successfully protected.	
	During 1891-92.	Added during 1892-93.	Total.	Successfully protected	Failed			Per acre	Per square mile.	Per acre.	Per square mile.
	Acres	Acres.	Acres.	Acres.	Acres		Rs. a p	Pies	Rs a. p	Pies.	Rs a. p.
Balaghat ...	183,342	...	183,342	183,326	16	0·01	2,487 8 0	2 605	8 10 11	2 605	8 10 11
Bhandara .	86,136	...	86,136	86,101	35	0 04	935 10 0	2 086	6 15 3	2 086	6 15 3
Bilaspur ...	308,685	..	308,685	301,710	6,975	2 26	3,538 0 0	2 201	7 5 5	2 251	7 8 1
Chanda	367,629	7,695	375,324	375,314	10	0 00	14,402 3 4	7 368	24 8 11	7 368	24 8 11
Chhindwara ..	26,240	.	26,240	26,240	..	0·00	459 6 5	3·361	11 3 3	3 361	11 3 3
Nagpur ...	84,860	...	84,860	84,860	..	0·00	1,269 11 8	2·873	9 9 3	2 873	9 9 3
Wardha ..	32,672	..	32,672	32,672	..	0 00	834 12 5	4 909	16 5 10	4 909	16 5 10
Raipur ..	62,080	.	62,080	56,463	5,617	9 05	2,160 11 9	6 683	22 4 5	7·347	24 7 10
Sambalpur ..	25,497	4,480	29,977	29,031	946	3·16	639 6 6	4·095	13 10 5	4 229	14 1 7
Seoni ...	134,700	4,000	138,700	138,700	...	0 00	2,058 14 0	2 850	9 8 0	2 850	9 8 0
Total .	1,311,841	16,175	1,328,016	1,314,417	13,599	1 02	28,785 15 1	4 162	13 14 0	4 205	14 0 3

The foregoing statement shows a very satisfactory decrease in the cost of special protection, the cost per square mile having fallen from Rs. 17-15-4 per square mile in 1891-92 to Rs. 14-0-3 in 1892-93. This decrease is doubtless primarily due to the season, but is also partly the result of more careful organization and management. In Chanda and Sambalpur the saving has amounted to Rs. 7 per square mile.

47. The failures have been practically confined to the Divisions of Raipur, Sambalpur and Bilaspur, in which the percentage of failures amounted respectively to 9·05, 3·15 and 2·26, against 14·96, 45·79 and 21·61 in the preceding year. It is in the same three divisions that fire protection has been most recently started, and in which it cannot yet be said that this important portion of work is yet thoroughly established.

48. The least satisfactory results have been in Raipur, in which division there are no doubt difficulties to contend with, but there is every reason to hope that these will be overcome by the present Divisional officer, who only joined the Division in November last.

49. In the Nagpur, Wardha, Chhindwara and Seoni Divisions the year's work under this head is characterised by the total absence of failures ; while in Chanda, of nearly 400,000 acres, only 10 acres were burnt over.

(3).—Regulation of Grazing and Protection from Cattle.

50. Of 9,889 square miles of Government Forests, 1,162 were closed to all animals throughout the year, 140 square miles were similarly closed for a portion of the year, and 5,205 square miles were open to the grazing of all animals throughout the year. Of the remaining 3,382 square miles, 2,733 were closed

to browsers throughout the year, and 649 square miles for part of the year. Details of these figures are given in Form No. 54.

51. The areas from which all cattle were excluded form, as might be expected, portions of the areas under protection from fire. A large portion of the area closed consists of hills and ghats which, if open to grazing, would not be frequented by cattle unless driven to seek fodder other than grass.

52. The area closed to grazing is still much below what it should be, and will have to be increased as the systematic working of the forests progresses, for 10 years may be taken as the minimum time necessary even for a coppice growth to attain dimensions that would render it safe from material injury by cattle.

As the coupes now being laid out are worked they will be closed for such period as may be necessary for the establishment of the re-growth ; and to admit of cultural operations for the filling up of small blanks and the introduction of better species, some of the coupes will be closed in advance in order that the seedling growth may have a chance of keeping pace with the coppice which will spring up after the cuttings.

(c).—*Improvement of Forest growth.*

(1).—Natural reproduction.

53. Regarding reproduction from seed there is nothing special to record. Seed is generally more or less abundant, and germination takes place freely everywhere. Of the species common to this circle there are many which, even as seedlings, are extremely hardy, and among them teak takes a prominent place. Even in areas that are open to grazing a moderate percentage of the seedlings of these species survive annually, though only in such spots as are not accessible to the hoofs of animals or are not really resorted to by cattle. In the strictly fire protected area, however, except where, as in many places, the cover is already too dense, reproduction is generally good, and where the necessary seed-bearers exist seedlings of teak and other valuable species are rarely wanting.

54. Under the protection that has been afforded it *dhamin*, or the Indian lance-wood, a species for which, once produced in sufficient quantity, there is likely to be a free demand at remunerative rates, has in places developed well, but in one or two localities it has been found to be extensively attacked by bison, which, with their bodies and sometimes with their hoofs, bend down or uproot the young trees for the sake of their scant foliage.

55. Wherever regular fellings other than selection fellings strictly so called have been made, reproduction from the stool has been good, and the development of the re-growth in most of the older improvement cuttings has been satisfactory.

(2).—Artificial reproduction.

56. Under this head also there is little to record for the past year, and as has often been noted, there is little to be done beyond the artificial distribution of seed and perhaps here and there putting out a few young trees to fill up small blanks and improve the composition of the forests. The total expenditure on account of such work has only amounted to Rs. 928, including the protection and tending of the result of previous operations. The small amount of work done is detailed in Form No. 56. In future where such operations are necessary

or desirable they will precede or take place immediately after regular fellings. In the former case besides sowing *in situ* small nurseries will be found at convenient distances so as to secure a few of the more valuable species to plant out where necessary after the cuttings. As, however, beyond the distribution of seed these operations will be on a small scale and watering will be unnecessary they will be very inexpensive.

(3).—EARLY THINNINGS.

57. With the exception of the thinning of a few small areas of teak planted some years since in Balaghat and Seoni, and which were suffering from the destruction of all other vegetation by the heavy cover afforded by the teak during the rains, there have been no operations that can be classed under this head, and with rare exceptions there will not be any such operations for some time to come. Probably the first field for them will be in the patches of almost pure teak that have taken possession of small blanks in some of the protected areas, especially in the Ahiri forests.

(4).—OTHER OPERATIONS FOR THE IMPROVEMENT OF THE GROWING STOCK.

58. Much good work has been done in getting rid of injurious climbers. The following statement gives the details of work done and of which records are at present available :—

Division.	Area over which cuttings extended in acres.	Number of climbers cut	Cost of operations.	REMARKS.
	Acres.		Rs. a. p.	
Balaghat ...	8,960	172,325	207 1 0	
Bhandara ...	..	18,137	...	By regular establishment one range only.
Chanda ...	13,142	...	223 2 6	
Nagpur ...	...	28,739	..	By regular establishment.
Wardha ...	...	24,662	...	Do. do.
Raipur ...		312,917	41 8 0	Partly by the regular establishment.
Sambalpur ...	275	2,189	1 11 10	
Seoni ...	16,058	694,028	195 3 6	
Total ...	38,435	1,252,997	668 10 10	

The figures for the Bhandara Division refer to one range only, but though details are not available much good has been done by the regular establishment in other ranges. Similarly in Balaghat a good deal has been accomplished by the regular establishment, which is not shown in the preceding statement; while in Chhindwara, though such work has been vigorously pushed on both by paid agency and the regular establishment, the Divisional officer has failed to furnish details of what has been done or its cost. For the Bilaspur Division, the Divisional officer has up to the present failed to furnish details.

(5).—EXPERIMENTS.

59. Under this head may be classed the artificial propagation of sandal-wood in the Chanda Division. The few sandal-wood trees planted out at Moharli have succeeded and promised so well that the experiment has been extended during the year, and 559 young plants were put out in three selected localities in the Moharli, Haveli and Ahiri Ranges. Most exotics and especially sandal-wood are tempting to the curiosity of wild animals, and the seedlings have therefore had to be well fenced in. If once established the species propagates itself freely, provided protection from animals is secured.

60. The only other experiment worthy of mention in connection with the improvement of the forest growth is one for increasing by suckers the production of *tendu*, a valuable species in deciduous forests, by stubbing out the parent stool at the time of felling and by tapping the roots at a distance from the parent stem, the result of which has yet to be ascertained.

(*d*).—*Exploitation of major forest produce.*

(1).—CLEAR OR REGENERATION FELLINGS.

61. There being no regular forests in this circle, there have been no clear or regeneration fellings, though in some of the coppice fellings the number of reserves it was possible to select was so small as almost to reduce the operations to clear cuttings.

(2).—SELECTION FELLINGS.

62. The selection fellings during the past year were confined to the Chanda Division and were as follows:—

Range.	Locality	Area in acres.	Number of trees felled.	Species
Ahiri ..	Bemaram ...	780	500	Teak.
Moharli ...	Peth ..	550	758	Dhaora.
Do. ..	Karwa ...	3,000	1,311	Various.
Dhaba ..	Khanhargaon ..	800	800	Dhaora.

Of these fellings the first three were selection fellings strictly so called, while the last somewhat partook of the nature of thinnings.

(3).—IMPROVEMENT FELLINGS.

63. In the Bhandara Division, with a view of securing more promising production from the stool, improvement fellings were carried out in nine different plots, aggregating 500 acres, in which 10,500 trees were cut back. In part of the Gaikhuri forest in the same Division 6,000 trees were cut back, though owing to the nature of the growth the operation was less concentrated.

64. In the Sambalpur Division, in 275 acres in the Jarghatti reserve, improvement fellings were carried out. In the Seoni Division similar operations, partaking partly of the nature of thinnings, were carried out in the Korai,

Ambagarh and Gangianala forests. In the Balaghat Division similar fellings were made in 20 acres in the Panchara block of the Dhansua Range, in 60 acres near Bangertola in the same Range, and in 20 acres in the Katangjharri block of the Sonawani Range.

(4).—COPPICE FELLINGS.

65. Under this head, so far as this circle is concerned, are classed those fellings in which a certain number of standards being reserved, the whole of the rest of the growth is cut back flush with the ground. The actual work of this class done was as follows.

66. In the Bhandara Division 230 acres in three compartments of the Lakhni Range and 61 acres in four compartments in the Paoni Range were worked, good and well-grown trees being kept as reserves. These operations were only commenced in the latter part of the year, hence the compartments in which work was started were not fully worked over. These fellings gave 23¼ cubic feet of timber and 10 tons of fuel per acre, but these figures cannot be accepted as representing averages for the forests in which they occur.

In the Nagpur-Wardha Division 212 acres at Kutta in the East Pench Range, 48 acres in Erjhar, 15 in Dhugga and 20 in Malaigaon were similarly worked.

In the Chanda Division 50 acres in the Warora Range were copsed for the supply of fuel.

67. In the Argri forests, the Ambagarh Pukhara forests, the Hatigarh forests of the Korai Range, the Kawassa forests of the Gangianala Range and in the Oogly and Kuriapahar forests, all in the Seoni Division, the regulation of fellings by fixed areas has been continued.

(5.)—UNREGULATED FELLINGS.

68. All other fellings must be classed as unregulated, and yet they were not wholly so, as with a view to the future of the forests and the reproduction of those species, it is most desired to favour, the more valuable species have been protected except where their removal would not be prejudicial.

(*e*).—*Extraction and transport of major forest produce by land and water.*

69. As the description of fellings has been defined under Chapter II 2 (*d*), and the yield of the forests will be given in Chapter III, there is little to record under this head. Major forest produce has been chiefly extracted by purchasers on licenses for fixed quantities, though a small quantity of timber has been extracted by Departmental agency. The Departmental timber operations have, however, been on a very limited scale. They have been confined to the fellings referred to under the preceding sub-head (*d*) and the following operations in the Chanda Division. In this Division 1,452 logs were cut from 500 trees felled in Bemaram, 1,013 logs containing 29,869 cubic feet were carted to the Depôt at Alapilli, 135 logs containing 4,847 cubic feet were carted to the Pranhita and floated to Sironcha, 5,549 cubic feet of scantlings were cut from unsound timber at Alapilli, and 5,546 pit props and poles containing 25,589 cubic feet were conveyed from the Moharli Range to Warora. The expenditure on account of these Departmental operations, including the extraction on a small scale of bamboos, has amounted to Rs. 18,992, while the receipts under the corresponding heads amounted to Rs. 37,991.

70. Of the total outturn of major forest produce 125,344 cubic feet of timber, 319,774 cubic feet of fuel and 108,715 bamboos were cut or removed Departmentally, and 1,232,407 cubic feet of timber, 6,088,769 cubic feet of fuel and 11,957,387 bamboos were removed by purchasers.

71. The volume of wood has been ascertained with a closer approximation to accuracy than in previous years, and as there has not been time to recompute the previous year's outturn by the more correct data now available, there is no field for comparing the past fifteen months' figures with those of 1891-92.

(f).—Exploitation of minor forest produce.

72. Except in a few limited areas, the right to collect minor forest produce, such as fruits, flowers, gums, lac, honey and wax has been leased, and the right to protect and cut the grass in certain areas, which for the present it is convenient to regard as "birs," was similarly disposed of.

(1).—EXTRACTION OF FODDER.

73. No data is available regarding the quantity of grass removed as fodder from the Government forests, but it is well known that the greater portion of the grass removed is applied to other purposes. A certain number of small areas have been kept as "birs" and leased; from the remaining areas of the Government forests, 51,728 tons of grass were removed during the year under report.

74. In these Provinces, with some rare exceptions, members of the rural communities will not, if they can possibly avoid it, take the trouble to cut grass for the feed of their cattle, much less will they incur the labour and expense of carting it to any distance. A portion only of the grass removed from the Government forests is used as fodder, and of the quantity thus employed, the greater part is used for the supply of towns and travellers. The protective measures adopted by Government is increasing the supply of grass, and there is reason to believe that the demand for this product is also rising, though in the past year, probably on account of the season, the demand was not as brisk as in 1891-92.

(2).—GRAZING.

75. The monthly returns show that during the 15 months ending with June 1893, 153,999 buffaloes, 1,240,105 cows and bullocks, 134,674 goats, and 156,376 sheep obtained grazing in the Government forests. It is possible that a certain number of animals for which licenses were taken out in the Northern Circle, and of which there is no means of obtaining record, also grazed in the forests of this circle.

76. The number of goats and sheep that frequent the Government forests is comparatively unimportant. The number of buffaloes, cows and bullocks for which grazing licenses were taken out in this circle during the official years 1891-92 and 1892-93 is as follows:—

		Buffaloes.	Cows and Bullocks.
1891-92	... ...	144,526	1,193,003
1892-93	... ...	141,031	1,148,565
	Difference ...	—3,495	—44,438

The apparent decrease in the number of animals that frequented the forests is probably in a great measure due to the abolition of the distinction between forest and forest for grazing purposes.

(3).—MISCELLANEOUS PRODUCE.

77. The greater portion of the miscellaneous products of the forests has been disposed of by lease of the right to collect; nearly 6,900 tons of minor produce, such as fruits, flowers, hurra, lac, bark and fibres were, however, removed on license or, as was a limited quantity, was collected Departmentally.

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

78. The gross yield of the forests is given in Forms 57 and 58. It amounted, during the 15 months ending with June 1893, to 7,766,294 cubic feet of timber and fuel, 12,066,102 bamboos, 2,317,725 karkas or fencing bamboos, 51,728 tons of grass, 7,630 tons of other minor forest produce, and 9,322 tons of minerals.

79. The following abstract gives the outturn from the different divisions:—

Name of Division.	Timber.	Fuel.	Bamboos and fencing bamboos.	Grass.	Other minor produce.	Minerals.
	Cubic feet.	Cubic feet.	No.	Tons.	Tons.	Tons.
Direction ..	...	...	...	...	...	...
Balaghat ...	14,128	673,310	2,276,518	2,286	1,021	185
Bhandara ...	157,422	959,870	904,496	8,665	801	31
Bilaspur ..	99,705	146,583	1,138,963	3,876	177	...
Chanda ..	522,031	1,676,140	3,430,487	19,179	2,984	8,108
Chhindwara ..	44,803	195,029	266,904	3,558	733	3
Nagpur-Wardha ..	111,623	588,543	211,601	2,015	778	19
Raipur ...	245,694	838,372	401,904	5,952	601	53
Sambalpur ...	50,518	401,219	4,794,289	797	344	921
Sconi ...	111,827	929,477	958,665	5,213	201	2
Total ...	1,357,751	6,408,543	14,383,827	51,541	7,640	9,322

There is no field for comparison of these figures with those of the preceding year, for not only do the figures now given refer to a period of 15 months, but, as indicated in a preceding paragraph, the volumes have in the past year been calculated on more accurate data than were those of preceding years.

80. During the year under report, various circumstances have combined to keep down the demand on the Government forests, but as these must be noticed in the succeeding chapter—"Financial Results"—it is unnecessary to refer to them in this place.

CHAPTER IV.

Financial Results.

81. Forms 61, 62 and 64 attested by the Comptroller and Auditor-General both for the financial year and the 15 months ending with June 1893, together with Forms 63 and 65 for the same periods, are appended.

82. The following is a comparative statement of the receipts and charges of the financial years 1891-92 and 1892-93 :—

		Rs.	1891-92 Rs.		1892-93 Rs.
Receipts	... ...		6,90,179		6,10,981
Charges	A—Conservancy and Works...	1,47,108		1,55,486	
	B—Establishments ...	2,21,871		2,33,985	
			3,68,979		3,89,471
Surplus	... ...		3,21,200		2,21,510

From this statement it will be seen that the gross and net receipts for 1892-93 were respectively less by Rs. 79,198 and Rs. 99,690. The actual difference, however, was greater by Rs. 45,568, being the unredeemed balance of Forest stamps at the close of the official year.

83. At first sight it might appear that this difference was primarily due to the fact that the receipts for 1891-92 were exceptionally high, having risen in that year by about Rs. 46,000, and it is true that the difference of about Rs. 4,000 can be traced to this cause. Taken in the order in which they have operated in keeping down the revenue, the reason for the fall in the receipts of the past year may thus briefly be stated :—

(*a*) For a long time much had been said and written about the reduction of forest rates, which doubtless led to great expectations in this respect and induced purchasers who were not really in want of forest produce to hold back.

(*b*) The introduction of the new stamp system, which came into force on the 1st April 1892, was from various causes in this Circle attended with serious difficulties, which before they could be removed must have resulted in some loss of revenue.

(*c*) The season was extremely unfavourable for the removal of forest produce; heavy and frequent showers fell during the carting season, rendering all but the pucka roads—which rarely touch the forests—impracticable for carts.

(*d*) By paragraph 7 of the Chief Commissioner's Resolution No. 2754 of the 5th August 1892, any person choosing to pay Re. 0-4-0 per cow or bullock is allowed to pick and choose his grazing ground in any open forest of the Provinces; whereas previously the rich stock-breeders of Nagpur and Wardha, who frequent not only the forests of these districts, but the rich grazing grounds in the uplands of Balaghat, would have paid from Re. 0-5-6 to Re. 0-6-6.

(*e*) During the latter part of the hot season of 1892 the extraction of produce—and especially timber—was checked, if not absolutely stopped, by the prevalence of cholera in Chhattisgarh.

(*f*) By the Chief Commissioner's Resolution No. 102 of the 5th January 1893, the rates for forest produce were modified and more or less reduced, but as it took some time to adopt the new rates to the values of the ordinary selling units in different districts, this reduction can only have had a slight effect on the receipts for the official year.

(*g*) By paragraph 11 of Resolution No. 2754, already quoted, the minimum period of currency for licenses was raised to 7 days, a concession which is believed to be more or less abused, though as yet its effect may have been slight.

(*h*) By some officers it is held that the comparative freedom with which private forests have been worked has tended to check the demand on the Government forests.

84. Though in Raipur and Bilaspur the receipts were unquestionably diminished by the prevalence of cholera in the hot season of 1892, and the other facts mentioned have not been without their effect in checking the realisation of revenue, it is believed that the chief cause of the decrease in the receipts, with the exception of that on account of grazing, has been the expectation of a large reduction in rates, the change in the revenue system, and the difficulty of transporting produce during lengthened periods owing to unseasonable weather. Regarding the second of these causes the experience of the past is that the first effect of almost any change is to give a check to the revenue, but the introduction of the stamp system was attended with peculiar and great difficulties which could not be foreseen and some of which could not be ascertained and remedied until they had probably resulted in some loss. The chief difficulty was in securing commission agents and in inducing them to perform their duties when appointed, and here it has to be remembered that the vendors of this class are employed in villages away from any close supervision.

85. The effect of unusual weather was everywhere most palpable and must have resulted in material loss of revenue. The effect of the one alteration in respect of grazing rates already referred to has, it would appear, in this Circle been a loss of about Rs. 10,000.

86. The receipts under Head I. show a slight increase. They are chiefly derived from timber from the Ahiri forests, which have no effect on the receipts under the next head.

87. Under Head II. and its sub-heads the differences are shown by the following figures :—

Budget heads.	Receipts, 1891-92.	Receipts, 1892-93.	Difference.
Receipts.	Rs.	Rs.	Rs.
II.—Timber and other produce removed by consumers or purchasers ...	39,999	65,647	+ 25,648
(*a*) Timber	72,561	46,198	— 26,363
(*b*) Firewood	60,228	52,637	— 7,591
(*c*) Bamboos	75,269	55,042	— 20,227
(*d*) Grazing and fodder grass ...	2,97,841	2,73,317	— 24,524
(*e*) Other minor produce ...	88,682	61,542	— 27,140
TOTAL ...	6,34,580	5,54,383	— 80,197

88. The excess shown under Major Head II. is more than counterbalanced by the unredeemed balance of stamps, the value of which has been included under this head of receipts, but in lieu of which licenses for produce had not been issued at the close of the year. Of the difference under sub-head (*d*) about Rs. 10,000 may, as already stated, be due to the concession in favour of those breeders of stock who do not keep to one particular forest or district throughout the year; while about Rs. 9,000 under head (*e*) is due to the lease of the Balaghat hurra crop not selling and the produce having to be collected departmentally, and not being disposed of before the close of the year. The remaining difference under the sub-heads of Head II., which amounts to Rs. 86,846, is, with trivial exceptions, due to the three primary causes already set forth.

89. The other heads of revenue are more or less uncertain and the differences in them are not sufficient to call for an explanation.

A.—Conservancy and Works.

90. The expenditure under Head A.-I. exceeded that of the previous year by nearly Rs. 4,500. The increase is practically confined to the Chanda Division, where the corresponding receipts exceeded those of the preceding year by about Rs. 7,500. Under Head II., the expenditure amounted to Rs. 64,059 against Rs. 59,483 in the preceding year, thus giving an approximate rise in the expenditure of Rs. 4,500, which may be accounted for chiefly by an increase in the amount of commission allowed.

91. Under Head VI. the expenditure amounted to Rs. 7,912 against Rs. 4,139 in the preceding year; the difference is due to it having been necessary to purchase new timber carts and cattle for work in Ahiri.

92. Under Head VII. the outlay exceeded that of the preceding year by nearly Rs. 1,000. More was spent on roads, buildings and the maintenance of the water-supply.

The expenditure under Head VIII. was less than in the preceding year by Rs. 8,700. The difference is due to savings in the cost of fire protection and less being done under the head of original demarcation; the work left to be done being confined to the borders of Zamindaris and Feudatory States, where from various causes it is difficult, and progress is slow.

93. The only other head of expenditure under Conservancy and Works calling for remarks is that under Head IX.-C. Here the excess of Rs. 3,368 over the expenditure of the previous year is almost entirely due to the adjustment of the cost of accoutrements and Forest guards' pugris obtained and issued in the previous year.

B.—Establishments.

94. In round figures the expenditure on account of salaries exceeds that of the previous year by Rs. 18,700. The increase under sub-heads (*a*) and and (*b*) is mainly due to the staff of officers present being on higher salaries, that under sub-head (*c*) to the scale of non-gazetted officers being more fully worked up to and that under sub-head (*e*) to the grant of personal allowance to a Working-Plans Officer. The small saving of Rs. 1,270 on account of Travelling Allowance is mainly due to the interruption of tours by unfavourable weather. The expenditure under Contingencies, though slightly in excess of

that in 1890-91, was less than that for 1891-92 by Rs. 5,400, partly due to the number of printed forms supplied to the Department being less than in the preceding year.

95. The outstandings on account of advances and on account of revenue are exhibited in Forms 63 and 64, the latter being duly verified by the Comptroller and Auditor-General. The outstandings on account of sales only amounted to Rs. 6,521-13-11, chiefly on account of leases of the right to collect minor produce for which the instalments have not fallen due.

96. The financial results of the year are given in detail in Form No. 65. They are briefly as follows :—

		Receipts. Rs.	Charges. Rs
Timber and other produce removed by Government agency	...	40,783	19,059
Timber and other produce removed by consumers or purchasers	...	5,70,198	1,90,991
Formation, Protection and Improvement of Forests	...	...	1,79,421
Total	...	6,10,981	3,89,471

97. It is now necessary to refer to the results of the Forest year, which in the present instance includes the transactions for the fifteen months from the 1st April 1892 to the 30th June 1893, but as there are as yet no properly prepared figures with which to institute a comparison it is only necessary to refer to these results in general terms; moreover there are some discrepancies between the accounts of this office and those of the Comptroller and Auditor-General, which cannot be adjusted until the whole of the objection statements issued to Forest Divisional Officers are submitted to this office.

98. The receipts and charges were as follows :—

			Rs.	Rs.
Receipts	...	...		7,41,471
Expenditure ...	A—Conservancy and Works	...	2,05,601	
	B—Establishment	...	2,92,998	
				4,98,599
Surplus	...	...		2,42,872

99. According to the Audit Office figures the receipts for April, May and June 1892, and for the same months in 1893, were respectively Rs. 1,35,174 and Rs. 1,30,490, but the former figure includes the value of the first issue of stamps from the Treasury; while, owing to the non-receipt in time to be embodied in the Divisional Accounts for June 1892 of some of the subordinate accounts, it is probable that some items of revenue for June 1892 escaped being embodied in the Comptroller and Auditor-General's accounts until the succeeding month. The result of the comparison between the figures of the two periods is therefore delusive. The Departmental returns of sales, however, so far as moveable produce is concerned, indicate an increase in the demand for this period in 1893 as compared with 1892, but this was only to be expected, as in the past every fall in the receipts has been followed by a rise generally exceeding it.

100. The expenditure for the fifteen months has been as follows :—

A.—Conservancy and Works.

		Rs.	Rs.
I.—Timber and other produce removed from the Forests by Government agency	...	23,153	
II.—Timber and other produce removed from the Forests by consumers or purchasers	...	78,949	
VI.—Live-stock, Stores, Tools and Plant	...	9,108	
VII.—Communications and Buildings	...	7,850	
VIII.—Organization, Improvement, and Extension of Forests	...	78,408	
IX.—Miscellaneous ...	...	8,121	
			2,05,601

B.—Establishments.

I.—Salaries ...	...	2,60,961	
II.—Travelling Allowances ...	...	15,226	
III.—Contingencies ...	...	16,811	
			2,92,998
GRAND TOTAL OF ALL EXPENDITURE	...		4,98,599

101. The expenditure of the fifteen months thus exceeded that of the financial year by Rs. 1,09,000, but the period includes a portion of two years in which the expenditure is unusually higher, but, as already stated, figures with which a comparison could be profitably instituted are not at present available.

102. The financial results as detailed in Form 65 are as follows :—

		Receipts. Rs.	Charges. Rs.	Surplus. Rs.
Timber and other produce removed by Goverment agency	...	48,982	24,522	
Timber and other produce removed by consumers or purchasers ...	...	6,92,489	2,40,379	
Formation, Protection and Improvement of Forests	...	...	2,33,698	
TOTAL	...	7,41,471	4,98,599	2,42,872

CHAPTER V.

FOREST ADMINISTRATION.

103. The sub-division of the circle into Control and Executive charges was the same as in the preceding year. The 10 districts composing the circle formed nine Divisions, divided into 52 Ranges.

104. Of the 11 Ranges in the Chanda Division, 7 constituted two Sub-Divisions intended to be presided over by officers not below the grade of Extra-Assistant Conservators. There have thus been exclusive of working-plans 11 control and executive charges requiring officers of and above the rank of Extra-Assistant Conservators. The number of Divisions is too large for the

staff of officers available, a fact which results in more numerous changes of controlling officers than would otherwise be necessary—an evil which has been severely felt during the past year, in which four only of the nine Divisions were under the control of the same officers throughout the year. The circumstances of the past year may have been exceptional, but so long as the relation of the number of control charges to the number of officers available is as at present, the Department must always be exposed to the same risk of inconvenience and loss of power from this cause. There are too many Divisions and too few Ranges, and the former defect largely increases the difficulty of organizing really efficient office establishment for the discharge of Divisional office work.

105. There were several changes in the Upper Controlling Staff. Two Deputy Conservators proceeded on long leave; Mr. Anthony, Deputy Conservator of Forests, was transferred to Burma, and Mr. Hoghton, Deputy Conservator of Forests, transferred to this Circle in his place. Mr. V. S. Menzies died while on the voyage to England, whither he was proceeding on sick leave, and thus the Department lost the services of a young officer who promised to become a most valuable member of the Upper Controlling Staff.

106. The strength of the executive and protective establishments was the same as in the preceding year. These establishments have worked fairly well, but as noted in previous reports they are defective in two respects. The number of men of the class of Guards on low pay is excessive, and there is a deficiency of well-paid men fitted for the charge of Ranges who can be relied on to do their utmost to keep the protective establishment up to their duty in all respects.

107. As the result of these conditions a large number of cases still occur in which penalties have to be awarded, and during the 15 months ending with June 1893 there were 229 such cases against 171 in the preceding 12 months. Three men were prosecuted for dishonest proceedings, 27 dismissed, 12 degraded, 14 suspended and 174 fined. In no case was it necessary to punish by fine or otherwise any member of the class of Forest Rangers. Among the class of Foresters the chief offence that has to be dealt with is omission to submit periodical returns or accounts when due; while among the Forest Guards, temporary or permanent, desertion of their posts and failure to return to duty on the expiry of leave granted are the most common occurrences.

108. Though, as already stated, the establishment available has worked fairly well, it is beyond doubt that the present executive staff is utterly insufficient for the efficient working of the forests, and that increased outlay on this account as well as in improving the position of the Forest Guards will prove financially successful, though the full benefit of such measures cannot at once be realized.

109. The arrangements for keeping a check over the receipts by persons empowered to issue licenses for forest produce, by the use, as tokens of value, of forest stamps to be affixed to the back of the licenses, which was sanctioned in the preceding year, came into force in this Circle from the 1st April 1892.

110. The introduction of the system was attended with some difficulty in obtaining persons willing and capable of performing the duties entailed by the new system. Many persons were attracted at the outset by the high rate of

commission offered, but a considerable number of the individuals selected and nominated failed to purchase a single stamp from the Treasury; while it was found a very difficult matter to prevent those who did take up their duties from allowing their stocks of stamps to run out.

111. It must here be explained that the desire of the Administration has been to employ commission agents for the performance of such duties and as far as possible to increase the number of such stamp-vendors and license-issuers, and, as it has been decided in connection with the submission of accounts and returns through the post by such men that they cannot be regarded as public servants, they can only be controlled by the terms of formal contracts drawn up in each case, which is a decided disadvantage.

112. The chief difficulty in working the stamp system, however, arises from the very limited number of Treasuries and Sub-Treasuries available as centres at which stamps can be obtained by the vendors, a fact which renders the whole business burdensome to those who undertake it, and it seems more than probable that if the system is really to succeed and work well there must be a very radical change in the present arrangements, with the view of facilitating the supply of stamps to stamp-vendors.

113. There can be no question that the Range is the unit in which every matter connected with forest administration and management should centre. The organization of Ranges is as yet admittedly imperfect, but there is no reason why the Range head-quarters should not in some cases be used to facilitate the distribution of stamps, and special arrangements could elsewhere be made, provided always that with the reduction of rates which has recently taken place, it should not prove too expensive.

114. There is yet another difficulty which has to be faced arising from the fact that it has been decided to encourage mukaddams to take out village grazing licenses—one for each village. This arrangement will transfer to mukaddams the commission that would otherwise fall to the lot of the license-vendors and so decrease the profits of the latter as to cause them to neglect or throw up their work, and thus Government may be forced to employ paid agents.

115. The most important administrative changes of the year have been (1) the reduction of grazing rates and the abolition of the distinction between forest and forest in respect of grazing; (2) the introduction of special rates for moveable produce in favour of agriculturists, and the abolition of distinctions based on the value of the produce at the seat of production.

116. Regarding the first of these changes it had been recognized that the localization of grazing must facilitate its regulation and diminish the chances of the spread of cattle disease. It had, moreover, been found that as a rule the less prosperous the owners of the stock the more inclined were they to confine the grazing of their cattle to particular areas. It was also found that certain nomadic tribes, such as Banjaras, who use the forest, though they did much damage, derived less benefit from them than did the breeders of stock who frequented different forests and the forests of different districts for the purpose of grazing their cattle. It was accordingly directed by Secretary's No 1066-48 of the 15th February 1889, that the people who, as above indicated, obtain the pick of the grazing in more than one district should pay the ordinary district

rates current in both districts, but have the right of passing through the open forests of intermediate districts without charge, that people wishing to avail themselves of all the open forests in any one district should pay the highest rates current in that district; and that people of the class of Banjaras should pay annas eight per buffalo and annas four per cow or bullock, which covered also the cost of fuel, grass and leaves.

117. Under the new arrangement the Banjara rate has been maintained, and the same rate has been made applicable to all persons grazing their cattle in more than one district. For the purpose of ordinary grazing the districts have, for rating purposes, been grouped as follows:—(1) Nagpur and Wardha, (2) Bhandara, Balaghat and Chhindwara, (3) Raipur, Bilaspur and Chanda, (4) Sambalpur. In the first group the rates now fixed are six annas per buffalo and three annas per cow or bullock, in the second group five annas per buffalo and two annas per cow or bullock, in the third group four annas per buffalo and two annas per cow or bullock, and in the fourth group two annas six pies per buffalo and one anna six pies per cow or bullock.

118. The district rates have not in all cases been reduced, but the general effect of the change is a very material reduction, while it is feared that the new rates are not as closely proportionate to the benefits derived as were the old rates.

119. The special rates for Agriculturists apply to poles up to 24″ girth, bamboos, firewood, thorns, grass and leaves. For rating purposes under these rules the different timbers common to the Provinces have been classified as follows:—

Class I.—Teak and Bijasal.
Class II.—Saj, Sâl, and Sheshum.
Class III.—All other woods not specially excepted by order of the Conservator.

120. The maximum rates fixed are as follows:—

Timber of Class I.—Rupees 15 to 17 per ton, according to size.
Timber of Class II.—Rupees 9-8-0 to 10 per ton, according to size.
Timber of Class III.—Rupees 5 to 6 per ton, according to size.
Firewood from green trees.—Annas 6 per ton and pies 2 per head-load.
Dead-wood picked up in the forest, fodder grass, thorns and leaves.—Annas 3 per ton and pie 1 per head-load.
Bamboos, green.—Annas 12 per 100.
Bamboos, dry.—Annas 4 per 100.

121. In connection with the foregoing rates it was found that one pie did not cover the cost of a license with a stamp on it, and that no stamps were available of a lower value than three pies. It was accordingly ruled that people requiring head-loads, the charge for which was as low as one pie, should club together and take a license of not less value than three pies, but even this barely covers the cost of the license, stamp, commission and the booking of the transaction.

122. The remedy of the defects and difficulties in connection with the disposals of produce is to be found in the system which works successfully in some other parts of India, under which Government does not deal direct with the people. This system could not at once be adopted throughout these Provinces, but its adoption is becoming more and more practicable as time goes on.

123. As regards the cost of forest produce to the public—at least of such produce as fuel and fodder grass—the Government of India has rightly surmised that the reduction of rates, though it may materially effect the forest receipts, can have no appreciable effect on the cost to the public of such produce which depends almost entirely on the means of transport.

General Remarks.

124. As a matter of general interest it may be noted that by Resolution No. 3972, of the 24th October 1892, it was decided once more to endeavour to give a stimulus to the production of Tassar silk by allowing persons desirous of applying themselves to the industry to have land at the nominal rate of anna one per acre for the area used in a rotation of four years. The idea had been started by the Commissioner of Settlements that the Tassar industry had been killed by the operations of the Forest Department. It is, however, believed that any decrease in the extent of the industry that may have taken place has been due to causes over which the State has no control. So far as the Government forests are concerned, it has been found that in proportion as the local conditions were more favourable the industry has continued longest.

125. The Chanda Division has the widest field and is most suited for the industry, but it would appear from enquiries that have been made that at no time within the memory of the present generation were there more than 55 baries, unless in the wilds of Sironcha, where the industry has not died out, some old baries have escaped notice.

126. In the Chanda Division 77 baries have now been marked off, and endeavours are being made to induce people to take them up. If it has any chance of succeeding, the attempt will surely do so under Mr. Lowrie, the present Divisional Officer. Some areas have also been selected to be made available for this purpose in Sambalpur, Bhandara and Balaghat.

127. With a view of securing, for the Subordinate Forest Service, men constitutionally better fitted for the work devolving on the members of this establishment, a training school has been started at Moharli in the Chanda Division, the object of which is to instruct Gond youths, descendants of this section of the aboriginal tribes, in reading, writing and elementary arithmetic, and then to put them through a regular course in all the operations which it devolves upon Forest Guards to execute or supervise. Up to the close of the year the undertaking had not progressed beyond instruction in reading, writing and arithmetic, but the success which has so far been attained by the Divisional Officer, Mr. Lowrie, justifies the expectation that the undertaking, which is to some extent experimental, will prove satisfactory. There can be no question that if, without loss of intelligence, the subordinate establishment can be recruited from men who, from their earliest childhood, have been habituated to forest life, the efficiency of this section of the establishment will be most materially increased.

It remains only to refer to the services of officers during the year.

128. The officers of the Upper Controlling Staff present for the whole or the greater portion of the year were:—

Mr. A. E. Lowrie, Offg. Deputy Conservator of Forests.
Mr. A. W. Blunt, do. do. do.
Mr. P. H. Clutterbuck, do. do. do.
Mr. H. S. Ker Edie, Assistant Conservator of Forests.

The opportunities that these officers have had have not been equal, and they have not all had equal opportunities of acquiring local knowledge and experience, but they have all worked well and zealously. Special credit is due to Mr. Lowrie for the efficient manner in which he conducted his duties as Divisional Officer in Chanda, the largest, heaviest and most important control charge in this Circle.

129. The members of the Lower Controlling Staff present were :—

Mr. Chunder Kumar Chatterjee,	Extra-Assistant	Conservator.
Khan Sahib Mahomed Ghouse,	do.	do.
Mr. N. C. McLeod,	do.	do.
Mr. J. J. Hobday,	do.	do.
Mr. R. C. Thompson,	do.	do.
Mr. Ramchander Krishna,	do.	do.

Notwithstanding the somewhat precarious state of his health Mr. Chunder Kumar Chatterjee has continued to render good service in the charge of the Nagpur-Wardha Division.

As Divisional Officer in Balaghat, and subsequently in Raipur, Khan Sahib Mahomed Ghouse has fully maintained his good reputation as a Divisional Officer.

Mr. McLeod has shown himself to be an efficient Divisional Officer, and merits special mention for the progress he has made in dividing the forests of his charge for working purposes.

Good service has also been rendered by the other members of this establishment.

130. Of the Forest Rangers I would specially mention :—

Mr. Narain Pershad,	Forest Ranger	of the	2nd grade.
Mr. Gilmore,	do.	do.	3rd grade.
Mr. Gunga Pershad,	do.	do.	do.
Mr. Haslett,	do.	do.	do.

Good service has also been rendered by Mr. Hunt, Forest Ranger of the 4th grade.

J. C. DOVETON, Colonel,

Conservator of Forests,

Southern Circle.

No. S $\frac{283}{123}$ of 1893.

FROM

R. H. E. THOMPSON, ESQ.,

CONSERVATOR OF FORESTS, NORTHERN CIRCLE,

Central Provinces,

To

THE SECRETARY TO THE CHIEF COMMISSIONER,

REVENUE DEPARTMENT,

Central Provinces.

Dated Jubbulpore, the 5th October 1893.

SIR,

I have the honour to submit the Administration Report of the Forest Department, Northern Circle, Central Provinces, for the year 1892-93, ending the 30th June 1893.

I have the honour to be,

Sir,

Your most obedient Servant,

R. H. E. THOMPSON,

Conservator of Forests, Northern Circle,

Central Provinces.

Secretariat Press, Nagpur :—8-12-93—300.

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PROGRESS REPORT

OF

FOREST ADMINISTRATION

IN THE

NORTHERN CIRCLE,

CENTRAL PROVINCES,

FOR THE YEAR 1892-93.

BY

R. H. E. THOMPSON, Esq.,

Conservator of Forests, Northern Circle.

Introduction.

The year's record of progress is briefly summarized in the following paragraphs.

2. The forest area underwent little change in legal status; 827 acres were added to reserves, and 60 acres were excluded from reserves under Section 26 of the Act. There was a gain of 1,431 acres by revision of areas reported by the Survey and the Settlement Departments.

The total forest area as now classified stood as follows on the 31st July 1893:—

			Square miles.
Class A	...	...	3,968
Class B-1	...	...	663
Class B-2	...	...	5,472
Unclassed	...	...	21
	Total	...	10,124

3. Proposals for completing classification of the area under B-2 are now ripe and will be submitted shortly. This will complete the work. It is estimated that when excisions have been carried out that the remaining area to be maintained as permanent forests in this circle will amount to about 8,157 square miles.

4. The forests have also been classified first as regards Fodder and Pasture Reserves, and second in accordance with prevalent forest types, with the view to the immediate introduction of systematic methods of treatment for such forests.

Demarcation.

5. With the exception of one portion of the Mandla forests, demarcation was completed; all boundary marks were put in proper repair, and considerable progress was also made in the compilation of boundary registers.

The total length of boundaries dealt with during the year was 11,055 miles, at a cost of Rs. 5,558.

6. Work was carried on in Nimar under Colonel Wilmer, Survey of India, and under Mr. Reynolds, Superintendent, Forest Surveys, in the Jubbulpore and Narsinghpur districts. The work in Jubbulpore has been completed, and the party is at work in the Narsinghpur District. The field work accomplished by the two surveys will be seen by reference to paragraph 9 of the Report.

Surveys.

7. Working-Plan Reports—18 in number, dealing with 79 Coppice Working circles, with an aggregate area of 364,443 acres, or equal to 570 square miles—have been compiled, but are not yet quite complete, as the plans require revision, maps, and some additional information also to be recorded in them. A Provisional Working-Scheme was drawn up and sanctioned in January last, in accordance with which the work accomplished during the year was the formation of 248 village supply Coppice Working-Circles, which have an aggregate area of 907,235 acres, equal to 1,417·5 square miles. Areas for the first year's fellings were allocated over one-thirtieth of each Working-Circle, the felling rotation for the principal areas being fixed at 30 years and for areas worked chiefly for firewood at 15 and 25 years' rotation. A statement showing by divisions the work accomplished during the year is appended to the Report.

Working-plans.

8. Some progress was also made in collecting data for the remaining forests in this circle with the view to systematizing the working of those forests. In the course of the current year all forests in this circle will, it is fully expected, be provided with Provisional Working-Plans.

9. The bamboo forests are now being worked on the basis of a Provisional Working-Plan, the alternation of cuttings being fixed at the third year of the rotation.

10. Progress was also made in making new roads and building new and permanent quarters for the Forest staff Rupees 15,483 were thus expended against a charge for similar purposes in the year previous of Rs. 10,837.

11. Forest offences in the Forest year 1892-93 were fewer by 507, chiefly relating to grazing without permission. Prosecutions criminally instituted increased by 83 over the year previous. This increase is principally in Saugor —49, and in Mandla—16. In the former Division Magistrates took direct action without apparently giving the accused the option of compounding their offences, which appear to have been offences of the ordinary trivial kinds. In Mandla special measures were adopted to put down thefts of minor forest produce and breaking up land for cultivation :

In 1891-92 the number of offences compounded was		...	2,963
In 1892-93 the number of offences compounded was		...	2,614
Acquitted in the former year	...	...	137
Acquitted in the latter year	...	...	99

The total sum paid as compensation was :—

				Rs.
1891-92	...	...	...	11,759
1892-93	...	...	...	8,396

Incidence on each offender—

			Rs.	a.	p.
1891-92	...	...	1	5	9
1892-93	...	...	1	3	9

12. The areas under systematic fire-protection was nearly doubled and will be seen as follows :—

			Acres.
1891-92	...	...	1,164,554
1892-93	...	...	2,277,621
	Difference	...	1,113,067

The additional area brought under protection consisted of 907,235 acres of Coppice Working-Circles, and the balance of other areas taken up preparatory to the introduction of Provisional Working-Plans.

The year was a favourable one for fire-protection. The relative cost for successful protection for the two years stands as follows :—

			Rs.	a.	p.
1891-92	...	...	10	5	4
1892-93	...	...	5	14	5

The cost for the latter year is exceptionally low and is directly the result of exceptional rains which fell during the ordinary dry season, thus enabling the ordinary Forest staff carrying out protective measures unaided by a special staff of fire-watchers that in ordinary years would have been quite necessary. The failures to successful protection amounted to ·23 against 2·57 per cent. in the year previous.

13. Forest areas not specially protected escaped fire to the extent of 80·93 per cent. of their areas as against 69·40 per cent. in the previous year.

The total sum expended during the year 1892-93 on systematic fire-protection was Rs. 20,952.

14. Forest areas closed to grazing were more than doubled during the year, the figures for the two past years standing as follows :—

			Square miles.
1891-92	...	...	1,523
1892-93	...	...	3,697

The open areas include land which will soon be disforested as required by the Agricultural Department.

15. The area regularly coppiced by departmental agency was 2,828·6 acres, resulting in an outturn of 16,938·73 tons in poles, agricultural wood, and fuel, or an average of about 9 tons per acre.

16. Unregulated fellings by license-holders prior to the 1st April 1893 resulted in—

Timber and fuel ...	...	77,605 tons.
Bambus (whole year)	...	7,836,131 pieces.

17. Unregulated fellings by license-holders were stopped throughout the Circle, once for all, from the 1st April 1893.

18. Relatively a less number of animals found pasturage in the forest during the year than in the year previous :—

			Animals.
1891-92 (Financial year)	...	...	1,362,499
1892-93 (Forest year)	...	...	1,355,995

Comparison between the two financial years will show that 35,397 animals fewer in number pastured in the State Reserves than in the previous year. The larger areas now closed to pasture, the orders of the Administration modifying grazing rules, and the large grazing areas now practically gone over to the control of the Settlement Department (which lands still, however, hold the legal status of Reserved Forests) are the causes which have tended to reduce the income derived from grazing.

19. There was a short crop of myrobalans, resulting in 10,470 maunds* only being collected departmentally as against 17,776 maunds in the year previous. Prices also fell during the year and thus retarded sales. There is a stock of 15,793 maunds of myrobalans now in store at Jubbulpore valued at Rs. 45,405.

* A maund is equal to 82 lbs.

20. The result of departmental operations will be seen as follows :—

			Year.	Tons.
All kinds of produce	...	...	1891-92	979
	...	...	1892-93	18,033

Increase is chiefly in timber (poles and agricultural wood) and firewood.

21. Produce removed by purchasers was in excess by 21,139 tons :—

			Year.	Tons.
All kinds of produce	...	...	1891-92	106,832
	...	...	1892-93	125,313

There was an excess under timber of 3,925 tons; under firewood, 15,033 tons; bambus, 1,909 tons; and grass, 272 tons; while under other minor forest produce the quantity removed was less by 2,658 tons, chiefly due to the crop of myrobalans having been short.

22. The summary of produce removed from the forests during the year shows :—

Timber	...	...	930,560	cubic feet.
Firewood and charcoal		...	3,955,035	,,
Bambus	...	...	7,865,701	pieces.
Other produce	...	...	37,121	tons.

23. The financial results compared with the year previous are not quite so favourable as regards gross revenue. The gross receipts amounted to Rs. 6,19,873 as against Rs. 6,69,720; the expenditure to Rs. 3,64,176 as against Rs. 4,34,937; and the surplus to Rs. 2,55,697 as against Rs. 2,34,783 of the year previous.

The above comparison refers to the two financial years 1891-92 and 1892-93.

Comparing 1891-92 (Financial year) with 1892-93 (Forest year) the results are as follows:—

	Receipts. Rs.	Charges. Rs.	Surplus. Rs.
1891-92	6,69,720	4,34,937	2,34,783
1892-93	7,07,037	4,80,991	2,26,046

24. Forests rates underwent a change. They are now based on volumetrical principles.

25. The paucity of controlling officers and also that of the members of the Subordinate Forest establishment was the cause of constant trouble and anxiety throughout the year. Not only very essential and necessary works were left incompleted, but a direct loss of revenue has resulted from the want of a suffcient number of controlling and executive officers. It is estimated that the forest revenue thus lost would have more than twice covered the salaries and the charges connected with the maintenance of an adequate Forest staff or one at least commensurate with the duties required of it. Many forests will be now left as being unworkable (because no longer open to unregulated fellings), unless the present staff is considerably increased, and much Forest revenue will be lost to the State thereby. The year was thus marked by constant struggles between duties calling for urgency in their performance and the utter incapacity of the effective staff to meet such calls owing to actual paucity of numbers.

CHAPTER I.

Extension and Constitution of State Forests.

1.—*Alteration of Area.*

The area of Reserved Forests on the 1st April 1892 was 6,450,638 acres, and of unclassed State Forests 13,447 acres: Total 6,464,085 acres, which are equivalent to 10,100 square miles.

Changes during the year in the legal status of the forests consisted in 827 acres being added to, and 60 acres being excluded from, Reserved Forest:—

(1) In the Jubbulpore Division, Lokhri, 96½ acres, and Tekritola, 7½ acres, total 104 acres, transferred from Unclassed Forest, were declared, under Section 19 of the Act, Reserved Forest by Notification No. 1254, dated the 14th March 1893; the area thus legally acquired was added to the Lower Gour Reserve, in lieu of a similar area given in exchange and disforested in the previous year.

(2) In the Saugor Division, Belkhadar, 723 acres, was declared a Reserved Forest by Notification No. 1417, dated the 23rd March 1893.

(3) Also in the Saugor Division an area of 60 acres, in the Saugor Hills Reserve, was disforested under Section 26 of the Forest Act by Notification No. 2780, dated the 15th June 1893, and given over to Ryotwari.

2. There was a further gain of 14,316 acres in the area of Reserved Forests, by revision of areas reported by the Survey of India and the Settlement Officer of Saugor:—

(1) In the Saugor Division the following correction to areas was made, amounting in all to 192 acres:—

(*a*) Choorara Forest Reserve in the Khurai Range, 113 acres, reported by the Settlement Department.

(*b*) Singpur Sub-Range, Rehli Range, 79 acres, reported by the Survey of India.

(2) In the Hoshangabad Division, by correction, was added 14,124 acres to the total of Reserved Forests, reported by the Survey of India.

The net gain to Reserved Forest areas during the year was therefore 15,083 acres.

3. The following transfers of areas for administrative purposes took place during the year:—

(1) In the Saugor Division from Class B2 to B1, 3,792 acres, consisting of grass and pasture land, now under the control of the Military authorities. This transfer was authorized in Revenue Secretary's letter No. 2864, dated the 13th August 1892.

(2) Eighty-five thousand eight hundred and eighty-seven acres, consisting of the old Saoligurh Reserve, hitherto managed by the Forest Divisional Officer, Hoshangabad, but now transferred to the Divisional charge of Betul, under the authority of letter No. 1060—VIII-5, dated the 4th April 1892, from Revenue Secretary to the Chief Commissioner.

(3) One hundred and four acres of Unclassed State Forest in the Jubbulpore Division was constituted Reserved Forest—*vide* paragraph 1, clause (1).

4. The changes described in the foregoing paragraphs, with existing classification, will be seen by the tabular statement given below:—

Class of Forests.	Area in square miles.				Remarks.
	On 1st April 1892.	Added.	Excluded or transferred.	On 30th June 1893.	
Class A ...	3,945	23	...	3,968	
Class B1 ...	656	1	...	657	
Class B 2* ...	5,478	...	...	5,478	*Projects for the complete classification of this area are now ready, and will shortly be submitted for the orders of the Chief Commissioner.
Unclassed ...	21	...	...	21	One hundred and four acres were transferred to Reserved Forest.
Total ...	10,100	24	...	10,124	

The distribution of the State Forest areas at close of the year, ending the 30th June 1893, will be seen by the following statement:—

Districts.	Area in square miles.	Forest area in square miles.			Proportion of Forest to the whole area of the district.
		Reserved.	Unclassed.	Total.	
Mandla ...	5,056	2,816	...	2,816	56
Jubbulpore ..	3,948	556	...	556	14
Damoh ...	2,831	827	21	848	30
Saugor ...	4,007	755	...	755	19
Narsinghpur ...	1,916	262	...	262	14
Hoshangabad ...	4,594	1,807	...	1,807	39
Betul ...	3,824	1,272	...	1,272	33
Nimar ...	3,358	1,808	...	1,808	54
Total ...	29,534	10,103	21	10,124	Average 34

5. Classification of areas with (1) the view to excision of the land for Ryotwari Settlements; (2) with the view to transfer of remaining B2 class Reserves to Class A; (3) to the formation of Fodder and Pasture Reserves; and (4) as regards Forest Types, with the view to extending to all forests in the Circle the provisions of systematic Working-Schemes, based on scientific principles, has now been completed. The full details of this classification will be reported to the Local Government by separate letter, but the following remarks touch briefly on the work which has been accomplished during the year :—

Proposals for Excision—(*a*). In Mandla the work of selection and excision of areas for Ryotwari Settlement has been completed. It is reported that an area of land measuring 769·46 square miles, cut out of Reserved Forest, has been selected by the Settlement Department for excision for Ryotwari Settlements. Practically the management of this land has therefore passed out of the hands of the Forest Department, the only control exercised by the Department over the land, lies in some of its products, such as minor forest produce, consisting principally of *Myrobalans* (the fruit of *Terminalia Chebula*); and *Mowha* (the fleshy corollas of *Bassia latifolia*), which are still collected off the land and sold by the Agents of the Forest Department. Both these items of forest produce yield a large revenue (Rs. 25,860 per annum) to the State Forest Department. The Conservator has not yet had before him the details of the work done by the Settlement Department in marking off the land for excision, but he hopes to have them very soon. The Chief Commissioner has called on the Conservator for a special report on the subject of reclaiming the Baigas and Gonds from their primitive methods of cultivating the land. This report will be submitted as soon as it is practicable to do so, after the Annual Forest Report has been completed and sent in.

(*b*). The Betul Forest Divisional Officer has submitted proposals for the excision of areas suitable for cultivation in the—

	Acres.
(1) Ranipur Range	61,037
(2) Bhowergurh Range	11,680
(3) Asir Range	49,277
(4) Tapti Range	2,700
Total ...	124,694

Approximately the area thus selected under the proposals amounts to 195 square miles.

Transfers to Class A(2).—Proposals for transferring areas from Class B2 to class A are now ripe for submission for the following Forest Divisions, and which will thus complete the work :—

Mandla, Jubbulpore, Damoh, Saugor, Narsinghpur and Betul.

The classification in Hoshangabad and Nimar has already been completed. It is estimated that after excision for Ryotwari Settlements has been completed, about 8,157 square miles of land will remain as permanent Reserves in the Northern Circle to be managed and controlled by the State Forest Department.

Formation of Fodder and Pasture Reserves (3).—The classification of areas has been completed for all Forest Divisions, except that of Hoshangabad, from which no report of progress has as yet been received.

Classification of Forest Types (4).—Has been completed for all Forest Divisions, except Hoshangabad, from which no report of progress has as yet been received.

2.—*Forest Settlements.*

6. No Forest Settlements were in progress during the year.

3.—*Demarcation.*

7. With the exception of a part of the Mandla Forest Division, demarcation is now complete in all divisions. In Mandla the Settlement Department has been at work marking off land for excision; whenever it is decided which land is to be retained permanently under forest in the Ramgarh Tahsil, forest demarcation there will also be taken up and completed. In all other forest areas of the Mandla Division demarcation is now complete. Considerable progress is also reported in the preparation of boundary registers, from all districts :—

Mandla.—Registers for 496 miles of boundary, and 2,421 marks.

Jubbulpore.—The following was completed :—
Registers for 794 miles of boundary, and 7,998 marks.

Damoh.—Boundary Registers for 42 blocks and six Unclassed State Forests have been completed, and 643 miles of boundary lines repaired.

Saugor.—The work has been completed. The painting of numbers on boundary marks is still in progress.

Narsingkpur.—The work is reported as complete.

Hoshangabad.—No report of progress yet received.

Betul.—Registers have been compiled for the forests in the Bowergarh, Ranipura, Tapti and Assir Ranges. But as to how far these registers will agree with the new Forest Survey maps in course of preparation the Forest Divisional Officer has no certain opinion to offer. The register for the forests of the Dabka Range in that Division has yet to be completed.

Nimar.—The work has been completed.

8. All existing Forest boundary lines and boundary marks were kept up in proper repair during the year. The work accomplished will be seen by the following details :—

Length of artificial boundaries—

(*a*) Demarcated during the year	...	177 miles.	
(*b*) Repaired during the year	...	8,970 „	
(*c*) Not repaired during the year	...	833 „	
			9,980 miles.
(*d*) Not demarcated at close of year	...	10 miles.	
(*e*) Not requiring artificial marks	...	1,065 „	
			1,075 „
Total length of boundaries			... 11,055 miles.

Cost—

				Rs.	
Of new works	...	...	...	2,613	
Of repairs	...	...	...	2,945	
					Rs. 5,558.

For details, *see* Form No. 48.

4.—*Surveys.*

9. Operations were in progress in the Nimar Division under the direction of Colonel Wilmer, Survey of India, and in Jubbulpore and Narsinghpur

Divisions under the direction of Mr. Reynolds, Superintendent, Forest Survey Branch The work under the latter has now been completed for the Jubbulpore Division, inclusive of the Dhunwahie Range. The party consequently was able to break ground in the Narsinghpur District during the year, where work is still in progress.

The details of the work completed during the year will be seen as follows :—

Colonel Wilmer reports :—

Actual cost of Survey, Rs. 96,521-0-6.

Description of work.	Arvi.	Cost rates.	Remarks.
		Rs. a. p.	
Detail Survey on 4 inch scale ...	627·76 square miles.	99 8 8	Per square mile.
Triangulation ...	873·0 „ „	18 15 11	„ „ „
Traversing ..	605·36 linear miles.	21 8 4	„ linear „
Classification of forests and soils ...	627·76 square miles.	10 0 0	„ square „

Mr. W. H. Reynolds reports :—

"During the field season of 1892-93, or from the 1st October 1892 to the 30th June 1893, survey operations by the Imperial Forest Survey Branch, under the direction of Mr. W. H. Reynolds, were carried on in the districts of Mandla and Narsinghpur. The detachment under Mr. T. S. Martin's charge took the field about the middle of November, and returned to recess quarters about the middle of June.

The following areas were surveyed :—

In Mandla on the 4″ scale ...	...	81 square miles.
Do. do. 16″ „ ...	...	36 „
In Narsinghpur on the 4″ scale ...	...	61 „
Do. do. 16″ „ ...	...	28 „
Total	...	206 „

For all areas surveyed on the 4″ scale a record was prepared of the forset distribution and the classifications of soils. The 16″ surveys comprise 516 linear miles of forest boundary with a strip of topography, five chains wide on either side of the boundary.

In the Narsinghpur District an area of 200 square miles was triangulated, to afford trigonometrical stations to supplement the traversing, and to enable the contour of the country to be accurately rendered. The topographical work was tested by running 19 linear miles of check surveys through the work, in addition to running the usual instrumental contours at 250 feet vertical intervals.

It is not possible at present to give the mileage cost rates of the work done during the period referred to above, as the charges for mapping and computations have to be added at the close of the survey year (30th September) before these rates can be deduced. The cost rates will be given in the Annual Progress Report of the Forest Survey Branch for 1892-93."

10. Survey operations have been wholly completed in the Hoshangabad and Jubbulpore Forest Divisions. In Betul 403·62 square miles were surveyed during the field season 1891-92, by the Imperial Survey of India, under the direction of Colonel Wilmer. The party is now at work in the Nimar Division; but it will also take up and complete the remaining work in the Betul Division, which is adjacent to Nimar, and which is roughly estimated at 708 square

miles. Between that and Nimar there is a sufficient amount of work to keep this survey party employed for the next three years.

Next field season the Forest Survey Branch will have completed the Narsinghpur Forest Division, and it will then break ground in Saugor. It will also take up, in the course of time, the work in the adjacent district of Damoh. The order in which work has been completed, and that still in progress, will be seen by the following statement :—

Work completed	... ...	Hoshangabad and Jubbulpore.
Work now in progress	... ...	Nimar, Betul and Narsinghpur.
Work that will be taken up in sequence, following completion of above	...	Saugor, Damoh and Mandla.

For details *see* Form No. 49.

CHAPTER II.

I.—Regulation of Management.

(*a*).—*Working-Plans and their Control.*

11. A Provisional Working-Scheme, designed with the view to the immediate organization and working on scientific bases of some of the Forests—which hitherto have been open to the license-holder—and in advance of regular Working-Plans, was submitted by the Conservator for the orders of the Chief Commissioner, with his office letters quoted in the margin. The project, with some modifications, was sanctioned under Chief Commissioner's Resolution No. 102, dated the 5th January 1893. Prior to the orders communicated with the Resolution above quoted could reach the Conservator, preliminary works, with the view to giving effect to the scheme, were taken in hand and pushed forward with all speed, so that by the 1st April 1893, not only were the areas of a large number of Coppice Working-Circles selected, their boundaries defined, coupes for the forward felling of 1893-94 marked off, standards as reserves selected and marked, but a considerable amount of valuation fellings were also done departmentally, with the view to gaining accurate knowledge of the outturn in agricultural wood, poles and firewood per average acre of forest. Consequently, from the 1st April 1893, in all Forests throughout the Northern Circle, all unregulated fellings by license-holders had altogether ceased. The work accomplished in this connection up to the 30th June 1893, will be seen from the Statement Appendix A.

No. S-280-140, dated the 27th August 1892;
No. S-352-160, dated the 21st September 1892; and
No. S-353-161, dated the 21st September 1892.

Briefly abstracted: 248 village supply Coppice Working-Circles have been localized and opened for systematic fellings in this Conservator's charge, the said Working-Circles having an aggregate area of 1,417·5 square miles, or 907,235 acres. They are distributed over 35 Ranges and 88 Sub-Ranges; this, with due regard to the facilities these cuttings will offer to the people obtaining their wood and fuel supplies within reasonable distances from their homes. A small scale Forest map* is annexed, as that will give a general idea of the way in which the localization of the new Coppice Working-Circles has been effected. The method of treatment proposed to be adopted is that of compound coppice leaving a rich store of reserves, numbering not less than 60 per acre, and which may considerably exceed that number in certain forest areas:

*Appendix B.

(1) because all trees of 3 feet in girth and upwards are to be reserved, unless for sylviculture reasons it is desirable they should be cut out, and also provided there is sale for the wood; and (2) in the event of the demand not being equal to the supply, the coppice fellings will be modified to the extent indicated by the demand combined with sylvicultural requirements. Included within the number of working units, given above, are three Working-Circles in the Murwara Range which are now being worked for fuel required for burning lime at Kutni. The felling rotation in the case of these Working-Circles has been fixed at 15 years, the principal crop being *Nyctanthes arbortristis* or *Seharo*. All healthy individuals of species yielding wood valued for building or agricultural purposes will be reserved, and these will go to form the standards of the first rotation.

In the Jubbulpore Range the Lower Gour Forest is also being worked on the same principles for the supply of fuel for the city of Jubbulpore on a felling rotation of 25 years; and in the Dhanwahie Range the Dhobi and Somnapur Coppice Working-Circles, proposed by Mr. Dickinson, while he was Working-Plans Officer, are also being worked for poles and fuel chiefly, on a rotation of 25 years.

For the remaining Coppice Working-Circles a felling rotation of 30 years has been fixed during which period the forests will be undergoing a preparatory course of treatment, resulting at the end of the prescribed period in more or less normal crops, occupying equal areas with equal age gradations extending along the entire series of one to thirty years. There will also be combined with the new coppice a rich store of standards, but of practically unknown age,—90 per cent. of which, most probably, owing to existing defects aggravated by time, will have to fall, and their places be taken up by their more healthy successors during the ensuing rotation.

The principle of coppice fellings in alternate strips, five chains wide, will now generally give way to the system of felling by compartments. Practically there will be no difficulty in bringing about this change, since the fellings in the new Coppice Working-Circles have only recently commenced.

The works of improvement prescribed in the Provisional Working-Scheme, consist of sowing and planting in blanks, fire protection, protection from grazing, climber cutting, communications and buildings. It is proposed that the prescriptions of the Provisional Working-Scheme be followed up until such time as finished Working-Plans have been compiled and sanctioned for all forests.

12. Working-Plans have been compiled by Forest Divisional Officers of Mandla, Jubbulpore, Saugor, Narsinghpur and Nimar.

The work thus attempted, but not completed by those officers, will be seen by the following statement:—

Division.	Number of Working-Plan Reports.	Number of Working-Circles dealt with in the plans.	Total area in acres.
Mandla ...	1	24	59,054
Jubbulpore ...	6	11	107,721
Saugor ...	5	23	64,861
Narsinghpur ...	4	9	80,705
Nimar ...	2	12	52,102
Total ...	18	79	364,443

The above plans have two radical defects, the one due to a misapprehension of fact in the instructions themselves as given to the Forest Divisional Officers by the Conservator, and the other is due to the lack of technical knowledge and want of practice on the part of the officers concerned. In the first place a simple plan for each separate Working-Circle ought, under existing conditions, in the Conservator's opinion, to have been prescribed, instead of which it was laid down that the Working-Circles in each Range were to be grouped together in one Working-Plans report, to the exclusion of other large areas of forests in each Range not yet provided even with a Provisional Working-Scheme; and in the second place there are many technical details omitted in the plans themselves, in so far as such plans have as yet been submitted to the Conservator. The Conservator now proposes to circulate to each Forest Divisional Officer a more detailed set of instructions as to the manner in which the plans are to be drawn up. He will also draw up some plans personally, and circulate copies of them for the information and guidance of the officers concerned. It is fully expected that finished plans for all the Working-Circles now established will be completed for submission, and for the approval and sanction of the Local Government and the Inspector-General of Forests, before the close of the current year. It is to be regretted that the only officer trained in forestry in Europe, and posted to this Circle, should have done so little towards giving effect to the provisions of the new Working-Scheme, simple and comprehensive as that is, and which marks a new departure in the Forest Administration of the Central Provinces. This officer has submitted no plan of any one of the few petty Coppice Working-Circles he has formed in the forest division of which he lately held charge, though provided with full and detailed instructions on the subject. It is also to be regretted that officers like those who now hold charge of the Hoshangabad and Damoh Forest Divisions should likewise not have made at least an attempt towards compiling Working-Plans.

The technical details wanting in some of the plans already submitted can so easily be supplied by another visit to the localities dealt with, that it seems a pity that all Forest Divisional Officers had not set themselves to work—as some have done—to completing their notes and giving them shape and order by throwing them together in the Working-Plans report; the latter being finished afterwards during the ensuing open season by which time a deal more experience could be acquired in the methods and technic of the subject.

13. Owing to the abnormal condition of the forest in this Circle, for which systematic workings have now been prescribed, there will be an undoubted unevenness in the annual yield from several of the Working-Circles. In some cases this want of equality will be met locally by increasing or diminishing the intensity of the annual cuttings. In other cases the unevenness of the annual yield will be met by the expected results from proposals that are shortly—almost as soon as a copy of this report is sent in—to be submitted to the Chief Commissioner for approval and sanction, and which proposals will have for their object the entire revision and enlargement of the existing Provisional Working-Scheme, so that its prescriptions will thus take in the entire forest area of this Circle, amounting as that will to about 8,157 square miles after the excision of areas required for agricultural purposes has been completed. Briefly then, it is proposed to bring under one simple, though comprehensive Provisional Working-Scheme, the entire forest area of the Circle now to be dealt with. To do this effectually, data have been carefully accumulated with the view to placing the various forests, as regards their future management, in one or other of the following five classes or categories, each corresponding to a different method of treatment:—

Class I.—Village Supply Coppice Working-Circles.—This work has practically been accomplished, a sufficient area of the hitherto open forests—open to the license-holder is meant—has been taken up to be systematically worked, and thus to ensure

a continuous yield of the material most in demand by the resident agricultural and other populations. It will be principally in the interests of this class of population that those forests will be maintained and worked.

Class II.—Coppice Working-Circles for the supply of the trades and public departments with small building wood and fuel. The treatment adopted for Classes I and II has already been detailed in paragraph 11.

Class III.—Forests that will in the course of the next few months be brought under a preparatory course of treatment, the principal lines which this will take will be improvement and selection fellings of more or less intensity according to sylvicultural requirements of the working locality. A short rotation of 10 years will be prescribed to be continued in like periods during the whole preparatory term which may provisionally be fixed at 30 years. The object to be gained by these operations being the reconstruction of abnormal forests, and with the view to their amelioration and ultimate conversion to a higher state of productivity. These workings will produce a sufficient supply of material, as in great measure to equalise any unevenness which may be found during the first rotation in the annual yield from the regular coppice fellings prescribed for forests of Classes I and II. Nothing will be felled in the forests falling under Class III which will not sell and for which, in other words, there is no present demand. All Class A Forests (including other selected areas) hitherto closed and protected will come under this category of treatment. A separate treatment will be prescribed for the sâl forests of Mandla and the teak forests of Bori.

Class IV.—Will consist of forests now selected for maintenance as Fodder and Pasture Reserves. Their treatment will take the form indicated in the orders of the Government of India on the subject, *vide* Circulars No. 17-105, dated the 15th July 1891, and No. 16-83, dated the 20th May 1892. It is expected from the data now collected that at least 30 per cent. of the total reserved area that will be retained permanently as forests in this circle will fall into this class.

Class V.—Will consist of those areas now so overcut as to be absolutely unworkable. They will be closed to cuttings, grazings, and be fire-protected for a term of years sufficiently long to bring about marked improvement in their condition by natural forces alone.

If required, sowings and plantings will be prescribed. The aim will be to re-establish the crops with the least expenditure of money, though time as an influential factor in the work of renovation, and reconstruction will enter largely into the scheme.

The working of the mature bambu (*Dendrocalamus strictus*) forests on a systematic basis has already commenced. A rotation of three years has been fixed, and the bambu producing areas have consequently each been divided into three blocks to be annually worked in turn. In areas in which general seeding of the bambu has taken place, nothing further will be done, except protection from fire prescribed. The new crop of bambu seedlings is reported as exceedingly fine in all fire-protected area, nor is the crop wanting in unprotected areas. The reports from Forest Divisional Officers, as regards this part of the Provisional Working-Scheme, are silent, although it is well within the knowledge of the Conservator that the working of the bambu producing areas has been organized on the plan prescribed in the Provisional Working-Scheme. To sum up the work accomplished during the year:—It will be seen from what has gone before that Working-Plans Reports for a forest area embracing 364,443 acres or about 570 square miles were prepared and submitted to the Conservator in good time, and that though he cannot just now pass the said plans as they stand, yet the effort made, the time and labour spent in their compilation, doubtless indicate a considerable devotion to duty on the part of the officers concerned, and also in their readiness to sacrifice even the few spare moments left to them from their other arduous duties to the work they have tried so fairly well to accomplish, and though large corrections are needed, and a wholesale revision of parts of some of the plans (notably those for Jubbulpore and

Saugor which in their present state are of little value) will be required before they can be said to be correctly finished, yet the Conservator proposes that the said plans be known and issued under the names of the Divisional Officers who have helped to compile them. The Provisional Working-Scheme, which at present covers, with its prescriptions, an area of 907,235 areas, or 1,417·5 square miles, will continue in force during the time required to complete the finished plans and to get them sanctioned. Practically the coppice forests are governed by a simple, though comprehensive, set of regulations, which are comprised in the several prescriptions of the Working-Scheme. These prescriptions will be rigidly followed out; they coincide with and thus anticipate the ultimate prescription of the future finished Working-Plans; and when viewed as such, the Provisional Working-Scheme is practically a Working-Plan of a very general and comprehensive kind. The scheme, as it now stands, will, however, shortly undergo the revision and enlargement of its scope contemplated by the remarks found in the opening of this paragraph.

(*b*).—*Annual Plans of Operations.*

14. These for the year under report were, as usual, submitted by Forest Divisional Officers through Deputy Commissioners. The provisions of the plans could not in all instances be followed out, for the reason that the new Provisional Working-Scheme, which was launched in October of last year, in a great and important measure took the place of the annual plans-of-operations. In future years these plans will be drawn up strictly in accordance with the provisions of Working-Plans.

II.—Working of the Year.

(*a*).—*Communication and Buildings.*

15. The works detailed below show the progress made during the year:—

1.—Roads.

(1) 47 miles of new roads were made at a cost of Rs. 1,292.
(2) 345 miles of existing roads were repaired at a cost of Rs. 2,666.

2.—Buildings.

(1) *New works:*—6 new rest houses were built at a cost of Rs. 3,187.
(2) 1 rest house was completed at a cost of Rs. 322.
(3) 116 new quarters were built for Field Establishment at a cost of Rs. 5,403.
(4) 3 wells were dug at a cost of Rs. 862.

		Rs.
(1)	*Old works:*—8 rest houses repaired	260
(2)	Wells repaired	98
(3)	2 33 quarters for Field Establishment repaired	1,393
	Total ...	1,751

The total cost of works was:—

	Rs.	Rs.
Roads, new	1,292	
Repairs	2,666	3,958
Buildings, new	9,774	
Repairs	1,751	11,525
Total ...		15,483

Total expenditure on Communications and Buildings during the year 1891-92 was ... 10,837

(*b*).—*Protection of the Forests from Injury.*

16. The general and particular measures taken in past years for the protection of the forests from injury continued to be enforced during the year under report. During the year a large additional area was brought under systematic fire-protection, and a large addition was likewise made to the areas closed to grazing and browsing animals. The new Provisional Working-Scheme has further provided measures for the stricter protection and conservation of 1,417·5 square miles of hitherto open forests.

1.—*General protection and breaches of Forest Law.*

17. The Report for 1892-93 includes a period of 15 months, while that for 1891-92 includes 12 months only. Any fair comparison that could be made between the figures for the two years is therefore impracticable without largely increasing the bulk of this Report. However, bearing in mind the foregoing remarks, the following comparison may be taken for what it is worth :—

The number of Forest offences in 1891-92 was 3,338, while the number in 1892-93 (15 months' period) was 2,831 or 507 less than in the previous year.

With the exceptions of Narsinghpur, Betul and Nimar, the number of offences in all other divisions is less than in the year preceding. The explanation is that the orders of the Administration directing greater facilities being allowed to the people in obtaining annual and periodic grazing licenses have helped to remove one of the causes which formerly tended to swell the number of forest offences. These remarks will be better understood if a reference be made to the comparative statement given below :—

Divisions.	Injury to forest by fire.			Unauthorized felling of timber, &c.			Grazing without permission.			Other offences.			Total.		
	1891-92.	1892-93.	Difference.	1891-92.	1892-93.	Difference.	1891-92.	1892-93.	Difference.	1891-92.	1892-93.	Difference.	1891-92.	1892-93.	Difference.
Mandla ...	1	3	+2	253	177	−76	243	93	−150	22	62	+40	519	335	−184
Jubbulpore ...	1	...	−1	65	106	+41	175	83	−92	56	51	−5	297	240	−57
Damoh ...	3	...	−3	356	296	−60	169	106	−63	1	...	−1	529	402	−127
Saugor ...	7	16	+9	413	436	+23	810	401	−409	97	117	+20	1,327	970	−357
Narsinghpur ...	3	2	−1	65	101	+36	34	23	−11	...	...	...	102	126	+24
Hoshangabad ...	16	14	−2	95	78	−17	28	37	+9	6	2	−4	145	131	−14
Betul ...	4	7	+3	122	259	+137	35	60	+25	7	24	+17	168	350	+182
Nimar ...	3	5	+2	168	145	−23	76	119	+43	4	8	+4	251	277	+26
TOTAL ...	38	47	+9	1,537	1,598	+61	1,570	922	−648	193	264	+71	3,338	2,831	−507

It will be seen that under the head of unauthorized grazing the number of offences was less by 648 than in the 12 months period of 1891-92.

The number of offences compounded during the year, compared with the year previous, was likewise fewer, the number in both years being as follows:—

		Cases.	Persons.
Compounded in 1891-92	...	2,963	8,689
„ 1892-93	...	2,614	6,790
Acquitted in 1891-92	...	137	472
„ 1892-93	...	99	288
Pending at close of year in 1891-92...		172	
„ „ 1892-93...		139	

The total sum paid as compensation during the two years was as follows:—

			Rs.
Paid in 1891-92	...	...	11,759
„ 1892-93	...	...	8,396

Paid as compensation by each offender:—

The average was { in 1891-92 Rs. 1-5-8 / in 1892-93 Rs. 1-3-9 } per individual.

18. While the number of offences detected, reported and compounded in 1892-93 has decreased, the number of cases prosecuted criminally has increased by 83, the figures for the two years being respectively 79 and 162. A large increase is noticeable in Saugor 49, and in Mandla, 16, over the previous year. The explanation in Saugor, would be, but it is not expressly so stated, that offenders were prosecuted by Magistrates before whom, in the first instance, they were brought without the offenders having been given the opportunity of compounding under Section 67 of the Act.

The increase of cases prosecuted in Mandla is due to the increase of theft of *myrobalans*, and to unauthorized breaking up of land in forest areas reserved from Ryotwari Settlements.

The result of prosecutions entered during the two years will be seen by the following comparison:—

			1891-92.	1892-93.
Prosecuted	...	...	79	162
Convicted	...	...	51	125
Acquitted	...	...	17	35
Percentage of convictions		...	75	78

In the past year two cases only were pen ding in Court, against 11 cases in the year previous.

For details, *see* Annual Form No. 52.

2.—*Protection from Fire.*

19. A large additional area was brought under systematic fire-protection during the year, principally due to the new forest areas taken up for systematic working. The taking up of this and other additional areas, which so far have been successfully protected by the local permanent establishment without the large extra charges on numerous fire-watchers, has considerably decreased the general average cost per square mile of forest successfully protec ted, which in 1891-92 was at the rate of Rs. 10-5-4, as against Rs. 5-14-5 for 1892-93, the year under report. Protection was generally successful in all Forest Divisions, and the work was somewhat lightened by the frequent falls of rain occurring during

the months when forest fires usually are most prevalent. The total forest area successfully protected, compared with the year previous, is as follows:—

	Sq. miles.
1891-92	1,773
1892-93	3,550

20. The following table shows the general results of the year's efforts at systematic fire-protection:—

Division.	Areas under organized protection.			Result of protection obtained during dry season of 1892-93.		Percentage of failures to areas attempted.	Cost during the dry season.	Average cost for areas attempted.		Average cost for areas successfully protected.	
	During 1891-92.	Added during 1892-93.	Total.	Successfully protected.	Failed.			Per acre	Per square mile.	Per acre.	Per square mile.
	Acres.	Acres.	Acres.	Acres.	Acres.		Rs.	Pies.	Rs. a. p.	Pies.	Rs. a. p.
Mandla ...	216,059	193,201	409,260	409,036	224	·05	4,748	2·22	7 6 10	2·22	7 6 10
Jubbulpore ...	57,330	124,315	181,645	181,645	...	...	2,790	2·94	9 13 2	2·94	9 13 2
Damoh ...	25,373	171,666	197,039	195,946	1,093	·55	201	·19	0 10 5	·19	0 10 6
Saugor ...	46,265	71,676	117,941	117,715	226	·19	763	1·24	4 2 8	1·24	4 2 4
Narsinghpur ...	21,480	64,309	85,789	85,734	55	·06	281	·62	2 1 6	·62	2 1 6
Hoshangabad ...	456,670	80,615	*537,285	537,285	...	...	3,847	1·37	4 9 4	1·37	4 9 3
Betul ...	59,840	294,627	†354,467	354,467	...	...	3,038	1·64	5 7 8	1·64	5 7 8
Nimar ...	281,537	112,658	394,195	390,435	3,760	·95	5,284	2·57	8 9 3	2·59	8 10 7
Total ...	1,164,554	1,113,067	2,277,621	2,272,263	5,358	·23	20,952	1·76	5 14 2	1·79	5 14 5

* Exclusive of 81,126 acres of Saouligurh Reserve transferred to Betul.

† Inclusive of 81,126 acres of Saouligurh Reserve received from Hoshangabad.

The failures amounted to ·23 per cent. of the areas attempted as against 2·57 per cent. in the year previous.

In Damoh the failures amounted to ·55 per cent. of the area protected—the result entirely of a relaxed control over his staff by the Forest Divisional Officer, who was unfortunately in bad health during the greater part of the working year. The Conservator will, however, take such severe measures against the local Range Officers as will bring them to a right and proper sense of their duties.

In Saugor there was also failure of ·19 per cent. of the protected area from similar causes, though the Forest Divisional Officer there was in his usual health. The Conservator will, in this case also, deal with the persons locally responsible for the reported cases of failure.

In Nimar the number of fires diminished by six, against that of the previous year. The total numbers being respectively 15 and 21. The area passed over by fire during the two years was 14,261 as against 3,760 acres in 1892-93. The results of the year are therefore a trifle better than those of the previous year. It must, however, be the set work and business of the future of the Forest Divisional Officer, Nimar, to eradicate the annually recurring fires from his division. Better organization in protective measures is the great want in Nimar.

In no other division was there much failure to record.

The following Statement compares areas not systematically protected, and which have escaped fire during the two past dry seasons :—

Divisions.	Total area of Government forests.	Deduct area under special fire protection.	Balance.	Area burnt over.	Area which escaped being burnt over.	Percentage.	Remarks.
	Acres.	Acres.	Acres.	Acres.	Acres.		
Mandla ...	1,802,110*	409,260	1,392,850	249,600	1,143,250	82·08	* Includes areas selected and set aside within which excisions for Ryotwari Settlements can be made.
Jubbulpore ...	355,918	181,645	174,273	58,603	115,670	66·37	
Damoh ...	542,954*	197,039	345,915	47,234	298,681	86·34	
Saugor ...	482,925	117,941	364,984	32,605	332,379	91·07	
Narsinghpur ...	107,645	85,789	81,856	20,381	61,475	75·10	
Hoshangabad ...	1,156,295*	537,285	619,010	†	†	†	† No report from Forest Divisional Officer, Hoshangabad, yet received.
Betul ...	814,013*	354,467	459,546	300	459,246	99·93	
Nimar ...	1,157,204*	394,195	763,009	277,141	485,868	63·68	
Total ...	6,479,064	2,277,621	4,201,443	685,864	2,896,569	80·93	

The percentage of areas saved in 1891-92 was 69·40, and in that of 1892-93, was 80·93.

3.—*Regulation of grazing and protection from cattle.*

21. Considerable additions were made during the year to the areas closed to grazing and browsing animals. This will be seen by the following Statement :—

		1891-92. In square miles. Acres.	1892-93. In square miles. Acres.
1. Closed to all animals—			
Whole year	...	782	924
Part of year	...	...	10
2. Closed to browsers—			
Whole year	...	741	2,760
Part of year	...	...	3
Total in square miles	...	1,523	3,697

The forest area open to all animals during the two years in question was, in 1891-92, 8,577, and in 1892-93, 6,427 square miles. It should, however, be understood that these now open areas include forest lands that have been proposed for, and in some instances have already practically been set aside for excision at Ryotwari Settlements. The regulation of grazing, with reference to the fodder and pasture reserves now about to be established and systematically worked as such, will be a considerable advance on the present state of the question.

For details, *see* annexed Form No. 54.

(c).—Improvement of Forest Growth.

1.—*Natural Reproduction.*

22. A few notes recording the observations of individual officers are given in the Appendix C.

As the out come of several years of very close observation made in relation to progress in natural reproduction as found in the forests of the Central Provinces, the conditions which appear to influence it most favourably are absolute protection from fire and grazing. These factors alone are sufficient, by themselves, to bring about the most marvellous results in areas, which have continuously been subject to such protective measures; provided also that the locality is not one influenced by frost, nor the land wet and marshy during the monsoon or rainy seasons. The notes recorded from Betul, however, would point to one locality which has been long fire-protected, where results are not yet in a satisfactory state; but the probable deterring cause is not so much the presence of tall matted grass, which in itself would indicate that the locality is wet or marshy during the rainy season, but that healthy reproduction is not possible in any water-logged soil. It seems doubtful in the Betul case if improvement would follow, were the grass alone removed without the further operation following of draining the area so as to admit of the seedlings establishing themselves. Even in the most advanced protected tracts, isolated cases are frequently found to occur in which little or no progress has yet been made by selfsown seedlings. Such cases will invariably indicate present unsuitability of the locality from one or other of the above causes existing, and which unfavourably influence the reproduction. Speaking generally, it may be taken for granted that unless rock exposure occurs to any large extent, or the over-lying soil is too shallow to support aboreous vegetation, reproduction will be found to be good in all forests provided they are strictly protected from fire and grazing, and that the other deterring causes, already indicated, are also absent. That in a large number of instances which have come under observation, the wet and marshy condition of the fore st soil is due to the presence of a sub-stratum of impervious clay is absolutely certain, since the fact has been well ascertained by actual inspection of exposed sections of the land, which had been cut into by the drainage waters. The bottom clay affects the surface drainage by holding up the rain water which saturates the surface soil to the extent sufficient to render it wholly water-logged for considerable periods of the year. Such land is at its worst at the very time that self sown seeds have germinated, and which therefore require a free well drained soil for their further healthy development.

In a few instances the water-logging of the land is caused by springs appearing during the rainy season along lines of faulting, or water that is borne up and brought to the surface by impermeable beds in the general rock formation of the country: but whichever the cause, the result is the same so far as tree vegetation is concerned. The Conservator has suggested to Forest Divisional Officers the planting and sowing of seeds of such species as *Terminalia arjuna, Eugenia jambolana, Albizzia procera,* and to putting down cuttings of the willow *Salix tetrasperma,* all of which species appear to thrive in wet soils. The three first-named species are timber-bearing trees of considerable value to the country.

2.—*Artificial Reproduction.*

23. A short note given in Appendix D will show what little has been done during the year. In future years, under the prescriptions of the Provisional Working-Scheme, this subject will form an important part in the discussions regarding the year's progress.

3.—*Early thinnings.*

24. No operations carried out during the year.

Other operations for the improvement of the growing stock.

25. The Statement below shows the work done during the year in cutting out destructive climbers :—

Division.	Block or Reserve.	Area over which cutting extended in acres.	Number of Climbers cut.	Cost of operations.	Remarks.
				Rs. a. p.	
Mandla ...	Jagmandal ...	...	14,300	76 4 0	Area not given.
	Motinala ...	..	2,908		
Jubbulpore ...	Barela ...	...	17,027	20 0 0	Do.
Hoshangabad ...	Bori ...	640	4,000	.....	Cut out by timber contractor.
Betul ...	Ranipur ...	1,920	16,320	10 0 0	
	Total ...	2,560	54,555	106 4 0	

The destruction of climbers is also reported from Damoh, but the Forest Divisional Officer has failed to report any details of the work beyond that the work was carried out over an area of about 100 acres, and that much of the work was done by forest guards.

In Betul climbers were also cut over an area of 375 acres in the Ranipur, Bhowergarh, Tapti, Asir and Dabka Ranges; but the number of climbers cut out was not stated.

4.—*Experiments.*

26. Nothing of importance was accomplished.

(*d*). Exploitation of Major Forest Produce.

2.—*Selection Fellings.*

27. These fellings were confined to the forests in Mandla, Jubbulpore, Narsinghpur, Hoshangabad and Nimar.

In the Mandla Division 150 first class sâl trees (*Shorea robusta*) were selected, marked, and sold for Rs. 7 per tree in the South-Phen Forests, and 50 teak trees of first and second class girths were similarly disposed of at Rs. 12 per tree in the Jagmandal Forest.

In the Hoshangabad Division 1,300 teak trees of varying girth, but none under three feet, were selected, marked and sold standing to contractors in the Bori Reserve. The cubic volume of this teak measured 16,960 feet, in addition to which 2,009 Timsa (*Ougeinia dalbergioides*) poles, above 18 inches in girth, were also marked for felling in the same Reserve, and sold to a purchaser.

Jubbulpore	...	...	2,632	Cubic feet dead Teak.
Narsinghpur	...	...	1,116	„ green „
Nimar	...	...	92	„ miscellaneous.
			3,840	„

These operations have been discouraged, and have now entirely ceased, and will not again be undertaken unless required to be performed according to the dictates of Working-Plans now in the course of preparation.

3.—*Improvement Fellings.*

28. Nothing of importance was done that is worth recording. Further operations of this nature will be carried out on the basis of Provisional Working-

Plans. The details of the project are now under consideration by the Conservator, but the principles which will guide the practical workings will be found stated in paragraph 13.

4.—*Coppice Fellings.*

29. These fellings have been carried out departmentally on the basis of the Provisional Working-Scheme sanctioned by the Chief Commissioner in Resolution No. 102, dated the 5th January 1893. Those orders of the Chief Commissioner have been complied with, and the Coppice Working-Circles are well distributed, so as to afford every facility to the people obtaining forest supplies: 248 Coppice Working Circles have now been formed and opened out, with an aggregate area of 1,417·5 square miles. The workings thus established are estimated to supply the pole demands and fuel requirements of the resident agricultural and village populations of this Circle for a lengthened term of years, or until such time as the existing population has considerably increased in its numbers or in its demands for forest produce. Owing to the abnormal condition of the forests there will be undoubted unevenness in the annual outturn, since the fellings are based on area alone; it is therefore proposed to meet this inequality by material obtained from improvement fellings, which will be carried out in areas that will shortly be brought under a preparatory period of treatment with the view to reconstruction and improvement of existing crops.

The statement following shows, by divisions, the areas coppiced during the year and the outturn:—

Name of Division.	Area coppiced.	Outturn in			Total.
		Poles.	Agricultural wood.	Firewood.	
	Acres.	Tons.	Tons.	Tons.	Tons.
Mandla ...	983·4	1,347·89	65·40	2,872·35	4,285·64
Jubbulpore ...	535·5	542·88	...	2,552·14	3,095·02
Damoh ...	345·0	45·40	10·31	2,780·29	2,836·00
Saugor ...	297·2	376·98	25·35	1,302·22	1,704·55
Narsinghpur ...	347·0	336·62	...	2,777·99	3,114·61
Hoshangabad ...		Return not received.			
Betul ...	100·0	188·99	303·04	428·45	920·48
Nimar ...	220·5	64·10	15·04	903·29	982·43
Total ...	2,828·6	2902·86	419·14	13,616·73	16,938·73

The fuel cuttings by contractors and purchasers in the Nimar Division referred to at page 32, paragraph 67, of the Report for 1891-92, were continued during the year, as the contracts had to run out. Those contracts have not quite come to an end yet. But for the future such cuttings will be confined to the Working-Circles now formed in that division.

5.—*Unregulated Fellings.*

30. These have been stopped in all forests in this Circle since the 1st April 1893. Previous to that date it should be remembered that a very large area (some 7,300 square miles in extent, inclusive of areas set aside for ryotwari) of the Government reserved forests in this circle was open to license-holders under the then existing system to cut out such material as they had paid for, to select it where it could be found, and to fell the trees of such kinds as were not reserved in any manner they chose to cut them down.

Unregulated fellings were therefore carried out in all Forest Divisions, over widely scattered areas, during the whole period of the last financial year. The timber, fuel and bambus cut and removed from the forests under this class of fellings will be seen by the following Statement :—

Timber.	Fuel.	Bambus.
Tons.	Tons.	No.
14,844	62,761	7,836,131

(*e*).—Extraction and Transport of Major Forest produce by Land and Water.

31. No departmental operations were carried out. About 12,000 cubic feet of clean sawn sâl timber was transported by land from the South-Phen sâl forests in Mandla to the Jubbulpore market by purchasers, who had brought the trees standing in the last two years, and who have since been at work cutting up and exporting the wood for sale to the outside public.

(*f*).—Exploitation of Minor Forest Produce.

1.—*Extraction of Fodder.*

32. The extent of the year's operations will be seen by the following summary :—

1. In Mandla Division 73 tons of thatching and fodder grass was exploited by license-holders.

   It is, however, not known what quantity was removed by commutors.

2. In Jubbulpore Division 258 tons of fodder grass was cut under departmental agency, 201 tons of it was sold to the public, and the balance became damaged by rain, was utilized in thatching forest guards' huts. In the remaining Forest Divisions the operations were small, or the grass crop in the fodder reserves were leased out. Fuller details of these transactions than it is now possible to give shall be given in future Forest Reports. Revenue from grass compared for two equal periods of—

		Rs.
1891-92	...	18,822
1892-93	...	14,337
Difference	...	4,485

The total receipts for 1892-93 (15 months) was, however, Rs. 17,464.

2.—*Grazing.*

33. Comparing the total number of animals of all kinds brought to the forests to graze during the 15 months of the forest year 1892-93, with the number which grazed during the year 1891-92—a period of 12 months only—the differences will be seen below :—

		1891-92.	1892-93.
Buffaloes	...	214,298	207,248
Cows and oxen	...	1,029,472	1,063,259
Goats and sheep	...	118,217	84,158
Other animals	...	512	1,330
Total	...	1,362,499	1,355,995

If, however, the totals be taken for equal periods (*i. e.*, 12 months in each case) and compared, there is a large difference in the latter year in the number of animals driven to the forest to graze.

		1891-92.	1892-93.
Animals of all kinds	...	1,362,499	1,327,102
Difference, *less*	...	...	35,397

This difference is explained :—(1) Because of the action of the orders of the Chief Commissioner amending and regulating grazing in the Government Forests, promulgated with the Resolutions quoted in the margin; (2) to the contraction of grazing areas by the extension of areas closed to all animals ; and (3) to the Settlement Department now realising grazing fees off areas selected for excision for agricultural purposes, either through contractors or directly from the owners of stock.

*No. 2754, dated the 5th August 1893.
No. 102, dated the 5th January 1893.

For details, *see* Annual Form No. 55.

Receipts from grazing alone, realized during the 12 months periods, are compared below :—

				Rs.
In 1891-92	...	...	...	2,68,617
In 1892-93	...	...	...	2,63,417
Difference, *less*	...	...	...	5,200

The total receipts for 1892-93 (15 months) were, however, Rs. 2,67,349.

For details, *see* Annual Form No. 55.

3.—*Miscellaneous Produce.*

34. The *myrobalan* crop was not so large as in the previous year.

In Mandla 10,470 maunds were collected departmentally, as against 17,776 maunds collected in the year previous. Of the outturn of the year 9,771 maunds were transferred for sale to Jubbulpore, thus making, with the previous unsold balance at that depôt, a total of 22,585 maunds. During the year sales amounted to 8,261 maunds at Rs. 2-14 per maund of 82 lbs. But during the year a sudden and considerable drop in the price of this article took place, so that it was thought prudent to stop the sales and await a rise in the market.

The total quantity of myrobalans in stock on 1st July, at Jubbulpore and forest depôts, was—

			Maunds.
At Jubbulpore	...	...	14,324
In forest depôts	...	...	1,469
	Total	...	15,793

Value at former prices Rs. 45,405. The actual revenue from sales during the year of myrobalans, collected departmentally, was Rs. 23,750, while the value of sales for the previous year was Rs. 32,885.

Total revenue from miscellaneous produce during the two years is compared below :—

		Rs.
1891-92 (12 months)	...	84,018
1892-92 (15 „)	...	63,101
Difference	...	20,917

CHAPTER III.

Gross Yield and Outturn of Forest Produce.

Departmental Operations.

35. With the exception of coppice fellings, no other kind of timber operations were carried out by departmental agency, such as felling, sawing, and dressing large timber for sale in the markets, as this class of operations is discouraged in favour of selling the timber standing.

The statement following shows the gross outturn of forest produce resulting from departmental action during the year :—

Description of Produce.	1891-92.	1892-93.	Difference in 1892-93.	
			More.	Less.
	Tons.	Tons.	Tons.	Tons.
Timber	422	3,768	3,346	...
Firewood and charcoal	88	13,616	13,528	...
Bambus	32	42	10	...
Hides and horns	1	...	...	1
Hurra or myrobalans	429	323	...	106
Grass	...	258	258	...
Mowha	...	9	9	...
Miscellaneous produce	7	17	10	...
Total ...	979	18,033	17,161	107

Less myrobalans was collected than in the year previous, because less was available, owing to poverty of crop. Mandla is the only division in which the work of collecting and exporting myrobalans is undertaken departmentally.

Coppice fellings were made in all divisions : the areas worked over and the quantity of material cut out will be seen by the following summary :—

Division.	Area coppiced in acres.	Outturn in tons.			Total outturn, Tons.
		Poles.	Agricultural wood.	Firewood.	
Mandla	983·4	1,347·89	65·40	2,872·35	4,285·64
Jubbulpore	535·5	542·88	...	2,552·14	3,095·02
Damoh	345·0	45·40	10·31	2,780·29	2,836·00
Saugor	297·2	376·98	25·35	1,302·22	1,704·55
Narsinghpur	347·0	336·62	...	2,777·99	3,114·61
Hoshangabad... ...	...	...	...	...	...
Betul	100·0	188·99	303·04	428·45	920·48
Nimar	220·5	64·10	15·04	903·29	982·43
Total ...	2,828·6	2,902·86	419·14	13,616·73	16,938·73

The Returns from the following Forest Division have not been received in time for this Report. The information will be forwarded when received :—

Hoshangabad.

36. The following is an abstract of Annual Form No. 59 :—

	Number or quantity.	Cubic feet.		Number or quantity.	Cubic feet.
Receipts.			*Disposals.*		
Balance in hand at commencement of the year ...	11	50	Removed by purchasers from the depôts ...	769,683	127,866
Balance of previous year at local depôts now brought on stock and treated as receipts during the year ...			Balance at close of the year ...	34,094	856,912
Actual receipts from the forests in depôts. ...	23,202	1,643			
	780,564	983,085			
Total ...	803,777	984,778	Total ...	8,03,777	9,84,778

Removal of Produce by Purchasers.

37. With the exception of minor forest produce, of which less was removed during the year, because of the partial failure of the myrobalan crop, produce in much greater quantities was removed during the year as compared with the year previous. This will be seen by the following comparative statement :—

Description of produce.	Removed during		Difference in 1892-93.	
	1891-92.	1892-93.	More.	Less.
	Tons.	Tons.	Tons.	Tons.
Timber	10,919	14,844	3,925	...
Firewood and charcoal	47,728	62,761	15,033	...
Bambus	9,285	11,194	1,909	...
Grass	20,946	21,218	272	...
Other minor forest produce ...	17,954	15,296	...	2,658
Total ...	106,832	125,313	21,139	2,658

In Mandla there was a brisk demand for poles of teak and other species. In Hoshangabad and Nimar the chief cuttings were made in forests set aside for ultimate excision for agricultural purposes.

The increase in firewood is due to the large demand made on Nimar to meet the wants of Cotton Mills in Khandesh. In Jubbulpore firewood was largely cut and removed from the Coppice Working-Circles at contract rates by purchasers who carried out the work under departmental supervision.

Owing to a reduction in the rate for dead bambus, a large increase in the number removed is the result.

38. The following is a statement showing the quantities of forest produce removed by purchasers and consumers from the several Forest Divisions :—

Division.	In cubic feet.		Number.	In Tons.							
	Timber.	Firewood and charcoal.	Bambus.	Grass.	Fruits and flowers.	Horns and hides.	Hurra or myrobalans.	Mineral products.	Lac.	Mowha.	Other minor produce.
Mandla ...	116,697	39,598	774,238	...	...	32	...	129	...	...	2
Jubbulpore ...	18,219	253,465	1,935,641	480	...	...	...	...	...	...	446
Damoh ...	72,153	422,878	405,966	260	...	...	...	5,482	...	...	...
Saugor ...	18,332	278,884	234,304	718	6	...	...	1,258	...	...	832
Narsinghpur ...	11,494	203,638	95,139	35	...	...	...	...	...	...	802
Hoshangabad ...	258,658	687,139	...	1,889	85	5	...	165	1	56	2,427
Betul ...	77,452	184,838	2,999,989	6,068	...	67	2	218	8	3	824
Nimar ...	169,176	1,073,110	1,390,854	11,768	...	...	...	79	...	...	2,367
Total ...	742,181	3,138,050	7,836,131	21,218	91	104	2	7,331	9	59	7,700

Free grants of forest produce.

39. No free grants were made during the year.

Produce removed by right-holders and under privileges.

40. No privileges or right-holders exist against the forests.

41. *Summary of produce removed from the Forests.*

Description of Produce.	In cubic feet.	In number.	In tons.
Timber	930,560	...	18,612
Firewood and charcoal	3,955,035	...	76,377
Bambus	...	7,865,701	11,236
Grass	...	...	21,476
Fruits and flowers	...	...	91
Hides and horns	...	...	104
Hurra or myrobalans	...	...	325
Lac	...	...	9
Mowha	...	...	68
Other minor produce	...	...	7,717
Mineral products	...	...	7,331
Total ...	4,885,595	7,865,701	143,346

CHAPTER IV.

Financial Results.

42. The summary of revenue and expenditure for the financial and forest years has been duly verified by the Comptroller and Auditor-General (Forests).

Revenue and expenditure of the financial year compare as follows with those of the two previous years :—

	Receipts.	Charges.	Surplus.
	Rs.	Rs.	Rs.
1890-91 ...	5,69,436	3,15,768	2,53,668
1891-92 ...	6,69,720	4,34,937	2,34,783
1892-93 ...	6,19,873	3,64,176	2,55,697

43. For the new forest year (15 months' period) the financial results compare as follows with the previous financial year :—

	Receipts.	Charges.	Surplus.
	Rs.	Rs.	Rs.
1891-92 ...	6,69,720	4,34,937	2,34,783
1892-93 (Forest year) ...	7,07,037	4,80,991	2,26,046

The above comparison is not a just one, as heavy initial expenditure was incurred during the last three months of the forest year 1892-93, for which no adequate return is expected until the ensuing year, when all the Coppice Working-Circles will be in full working order, and the revenue from grazing has been realized, in anticipation of which a large sum was paid away in discount to purchasers of Forest Stamps from Treasuries. With the endeavour to make comparison more equal, it is proposed to exhibit here the actual Revenue and Expenditure taken from the accounts audited by the Finance Department for the past 24 months, commencing from the 1st July 1891 and ending the 30th June 1892, and dividing them into two equal periods. This arrangement will then enable us to compare the actual results of two hypothetical forest years thus created :—

Forest year.		Receipts.	Charges.	Surplus.
		Rs.	Rs.	Rs.
1891-92	...	6,68,925	4,39,117	2,29,808
1892-93	...	6,21,588	3,98,169	2,23,419

A report on the financial results for the financial year, with the prescribed annual forms, were submitted with this office No. S-223—102, dated the 17th August 1893, as required by Section 267 of the Forest Department Code.

44. The main results of the past financial and forest years will now be explained. The following comparison is made of Revenue under Minor Budget Heads with that of previous year :—

Revenue Budget Heads.		Receipts in					Receipts in				
		Financial year 1891-92.	Financial year 1892-93.	Difference. More, 1892-93.	Difference. Less, 1892-93.	Net difference.	Financial year 1891-92.	Forest year 1892-93.	Difference. More, Forest year 1892-93.	Difference. Less, Forest year 1892-93.	Net difference.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
RI.	...	41,892	16,947	...	24,945	...	41,892	17,666	...	24,226	...
RII.	...	6,01,108	5,75,180	...	25,928	...	6,01,108	6,58,533	57,425	...	...
RIII.	...	1,548	1,588	40	...	...	1,548	1,620	72	...	...
RIV	..	...	...	...	...	...	...	...	...	...	...
RV.	...	25,172	26,158	986	...	...	25,172	29,218	4,046	...	...
Total	..	6,69,720	6,19,873	1,026	50,873	49,847	6,69,720	7,07,037	61,543	24,226	37,317

Compared with the financial year 1891-92, there was by Rs. 50,873 less revenue booked than in that year, and which deficit is confined to the two

Minor Heads RI and RII, while more revenue was obtained under RIII and RV than in the previous year amounting to Rs. 1,026. Thus the deficit was reduced to Rs. 49,847.

There was no sale of timber from departmental operations. There was a deficit of Rs. 18,783 under myrobalans, the sales of which were stopped because the market price of this article went down suddenly, and it was expected that better prices would shortly prevail. Another principal item of deficit is under minor Head RII, Rs. 29,291. This deficit is principally made up of the difference between the value of Forest stamps sold to license-vendors, and the value of stamps remaining unredeemed at the close of the two financial years.

There was a further drop in the Receipts from grazing, Rs. 15,898, and in the sale of other minor produce Rs. 6,179. The drop in the latter was principally due to less myrobalans collected and removed by purchasers owing to the poorness of the crop. The fall in the grazing revenue is largely due to the recent orders of the Chief Commissioner amending existing grazing rules and the rates charged for grazing.

Receipts under RI will again rise, since it is impracticable to sell standing or felled the dead wood in the Bunjar sâl forests of the Mandla district, which will therefore have to be worked out by departmental agency. The widest circulation by advertisements in all the principal papers of the North-Western Provinces, Bombay, Calcutta and the Central Provinces was given to the fact that dead seasoned sâl wood was for sale in large quantities, but produced no result, as no one has come forward to buy any of the timber.

The present deficit under Minor Head RII means nothing but accounts, as the principal item which occurs under it is comprised of the proceeds of Forest Stamp sales, which rise and fall as the final adjustments are made on receipt of accounts from license-vendors.

It is not expected that revenue from grazing will rise with the closure of large areas against pasturage. It will most probably stand about its present level, but the grazing in future will be more strictly regulated, now that regular Fodder and Pasture Reserves are in the course of formation, or will shortly be so. Receipts from sale of other minor forest produce will soon recover. The fall is but temporary.

It is gratifying to see that sales of timber, fuel and bambus removed by purchasers were largely in excess of the previous year. Rupees 17,453 for timber, Rs. 1,969 for firewood and charcoal and Rs. 6,018 for bambus, more were realized than in the preceding year. The forest income from sale of Major Forest products is certain to advance, now that systematic working of the forests has been started on a permanent basis.

45. Receipts for the past three years from timber, fuel and bambus removed by purchasers and grazing are compared below :—

Year.		Timber.	Fuel.	Bambus.	Grazing.
		Rs.	Rs.	Rs.	Rs.
1890-91	...	90,919	40,288	53,654	2,65,784
1891-92	...	96,273	37,373	53,814	2,93,653
1892-93	...	1,13,726	39,342	59,832	2,77,755

46. A comparison of the details of Revenue for the two past financial years, with comparison between the figures for 1891-92 (financial year) and those for 1892-93 (forest year) will be seen by the statement below :—

Budget Heads Receipts.	Financial years.				Financial forest years.			
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. 1892-93.	Difference. Less. 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the forests by Government Agency—								
(a) Timber ...	6,581	483	...	6,098	6,581	742	...	5,839
(b) Firewood and charcoal...	156	...	...	156	156	4	...	152
(c) Bambus ...	2	86	84	...	2	177	175	...
(d) Sandal-wood ..	...	8	8	...	...	8	8	...
(e) Grass and other minor produce ...	35,153	16,370	...	18,783	35,153	16,735	...	18,418
Total ...	41,892	16,947	..	24,945	41,892	17,666	...	24,226
II.—Timber and other produce removed from the forests by consumers and purchasers— ...	71,130	41,839	...	29,291	71,130	1,10,503	39,373	...
(a) Timber ...	96,273	1,13,726	17,453	...	96,273	1,18,136	21,863	...
(b) Firewood and charcoal...	37,373	39,342	1,969	...	37,373	41,451	4,078	...
(c) Bambus ...	53,814	59,832	6,018	...	53,814	63,555	9,741	...
(d) Grazing and fodder grass.	2,93,653	2,77,755	...	15,898	2,93,653	2,78,522	...	15,131
(e) Other minor produce ...	48,865	42,686	...	6,179	48,865	46,366	...	2,499
Total ...	6,01,108	5,75,180	...	25,928	6,01,108	6,58,533	57,425	...
III.—Drift and waif wood and confiscated forest produce ...	1,548	1,588	40	...	1,548	1,620	72	...
IV.—Revenue from forests not managed by Government—								
(a) Duty on foreign timber and other Forest produce ...	...	...	...	...	...	...	...	...
(b) Revenue from shared and private forests ...	...	...	...	...	...	...	...	...
V.—Miscellaneous—								
(a) Fines and forfeitures ...	639	118	...	521	639	166	...	473
(b) Refunds ...	283	711	428	...	283	862	579	...
(c) Other sources ...	24,250	25,329	1,079	...	24,250	28,190	3,940	...
Total ...	25,172	26,158	986	...	25,172	29,218	4,046	...
GRAND TOTAL ...	6,69,720	6,19,873	...	49,847	6,69,720	7,07,037	37,317	...

Comparing the financial years together, expenditure under A—Conservancy and Works—was less by Rs. 1,02,059, principally under departmental workings, Rs. 17,497. Live Stock Stores and Tools, Rs. 2,111, and Survey operations Rs. 82,198; and more by Rs. 13,487 than in the previous year. Increased expenditure occurred under AII, Rs. 12,323, chiefly due to heavy printing and stationery charges not fully adjusted in the previous year, the employment of a large number of license-vendors, and an increase in the cost of other temporary establishments. There was a small increase under AVII of Rs. 1,144.

Less expenditure shown under Surveys is due to intimation of the charges incurred by the Survey of India in connection with operations carried out during the year, not having yet been received for adjustment in the Forest Accounts.

47. Expenditure under Minor Heads is compared for the two financial years, and for 1891-92 (financial) and 1892-93 (forest year) in the following statement :—

Budget Heads.	Expenditure.					Expenditure.				
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. Financial year 1892-93.	Difference. Less. Financial year 1892-93.	Net difference.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
AI. ...	25,670	8,173	...	17,497	...	25,670	16,853	...	8,817	...
AII ...	64,610	76,933	12,323	...	...	64,610	1,01,579	36,969	...	...
AIII. ...	20	40	20	...	...	20	43	23	...	...
AIV. ...	...	...	...	...	...	...	...	...	...	...
AV. ...	176	133	...	43	...	176	133	...	43	...
AVI. ...	6,332	4,221	...	2,111	...	6,332	5,120	...	1,212	...
AVII. ...	11,111	12,255	1,144	...	...	11,111	15,702	4,591	...	...
AVIII. ...	1,21,792	39,594	...	82,198	...	1,21,792	60,655	...	61,137	...
AIX ...	861	651	...	210	...	861	1,213	352	...	...
Total ...	2,30,572	1,42,000	13,487	1,02,059	88,572	2,30,572	2,01,298	41,935	71,209	29,274

48. The details of expenditure under A—Conservancy and Works—for the above periods are also compared in the statement following :—

Budget Heads.	Expenditure.				Expenditure.			
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. Financial year 1892-93.	Difference. Less. Financial year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.
A.—CONSERVANCY AND WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the forests by Government Agency—								
(a) Timber	2,513	375	...	2,138	2,513	3,453	940	...
(b) Firewood and charcoal ...	7	258	251	...	7	258	251	...
(c) Bambus ...	7	62	55	...	7	151	144	...
(d) Sandal-wood ...	...	2	2	...	...	2	2	...
(e) Grass and other minor produce ...	23,143	7,476	...	15,667	23,143	12,989	...	10,154
Total ...	25,670	8,173	...	17,497	25,670	16,853	...	8,817
II.—Timber and other produce removed from the forests by consumers and purchasers ...	64,610	76,933	12,323	...	64,610	1,01,579	36,969	...
III.—Drift and waif wood and confiscated forest produce ...	20	40	20	...	20	43	23	...
IV.—Revenue from forests not managed by Government—								
(a) Duty on foreign timber and other forest produce ...	...	...	...	...	...	...	...	...
(b) Revenue from shared and private forests ...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...

Budget Heads.	Expenditure.				Expenditure.			
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. Financial year 1892-93.	Difference. Less. Financial year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
V.—Rent of leased forests and payments to shareholders in forests managed by Government ...	176	133	...	43	176	133	...	43
Total ...	176	133	...	43	176	133	...	43
VI.—Live-stock, Stores, Tools and Plant—								
(a) Purchase of cattle ...	...	65	65	...	...	80	80	...
(b) Feed and keep of cattle...	1,702	1,519	...	185	1,702	1,816	114	..
(c) Purchase of Stores, Tools and Plant ...	4,630	2,637	...	1,993	4,630	3,224	...	1,406
Total ...	6,332	4,221	...	2,111	6,332	5,120	...	1,212
VII.—Communications and Buildings—								
(a) Roads and Bridges ...	4,268	3,056	...	1,212	4,268	3,907	...	361
(b) Buildings ...	6,569	8,057	1,488	...	6,569	10,586	4,017	...
(c) Other works ...	274	1,142	868	...	274	1,209	935	...
Total ...	11,111	12,255	1,144	...	11,111	15,702	4,591	...
VIII.—Demarcation, improvement and extension of forests—								
(a) Demarcation ..	2,772	4,903	2,131	...	2,772	5,957	3,185	...
(b) Compensation for land and right ...	...	...	...	...	...	...	...	...
(c) Surveys ...	89,409	12,358	...	83,420	89,409	16,609	...	72,800
(d) Working-Plans ...	9,656	3,287			9,656	8,943	...	713
(e) Sowing and planting ...	131	272	141	...	131	523	392	...
(f) Protection from fire ...	19,104	18,149	...	955	19,104	27,623	8,519	...
(g) Other works ...	720	625	...	95	720	1,000	280	...
Total ...	1,21,792	39,594	...	82,198	1,21,792	60,655	...	61,137
IX.—Miscellaneous—								
(a) Refund ..	574	305	...	269	574	833	259	...
(b) Law charges ..	23	47	24	...	23	49	26	....
(c) Other charges ...	264	299	35	...	264	331	67	...
Total ...	861	651	...	210	861	1,213	352	...
GRAND TOTAL ...	2,30,572	1,42,000	...	88,572	2,30,572	2,01,298	...	29,274

49. Charges in the Financial year for maintenance of Establishments were in excess by Rs. 18,449 over the previous year, and less by Rs. 638 under BIII Contingencies. The increased cost under BI Salaries, Rs. 13,605, is due to the temporary and substantive promotion of officers of all grades from the Conservator downwards. More travelling allowance was paid—increase Rs. 4,844 over previous year—is explained by the fact that Forest Divisional Officers and their establishments were out in camp for longer periods than in the previous year, and that therefore much more forest work of a useful and necessary kind was done by them.

Comparison between the Financial and Forest years shows an increase of Rs. 75,325 over that of the year 1891-92 on account of Salaries, Travelling Allowances and Contingencies. There are nine stipendiary and salaried students now under instructions qualifying for the Forest service at Dehra; seven in the upper and two in the lower class. All Range Officers are in receipt of

travelling allowances from the 1st April 1893, and Forest Divisional Officers have remained out in camp almost to the end of the year in supervising their field works :—

	Expenditure.					Expenditure.				
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. Financial year 1892-93.	Difference. Less. Financial year 1892-93.	Net difference.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
B—Establishment ...	...	...	...	...	...	...	...	...	...	...
BI—Salaries ...	1,80,935	1,94,540	13,605	...	...	1,80,935	2,43,309	62,374	...	...
BII—Travelling allowances ...	8,184	13,028	4,844	...	...	8,184	17,463	9,279	...	...
BIII—Contingences..	15,246	14,608	...	638	...	15,246	18,921	3,675	...	...
Total ...	2,04,365	2,22,176	18,449	638	17,811	2,04,365	2,79,693	75,328	...	75,328

50. Details of expenditure under B—Establishment will be seen by the statement following :—

Budget Heads.	Expenditure.				Expenditure.			
	Financial year 1891-92.	Financial year 1892-93.	Difference. More. Financial year 1892-93.	Difference. Less. Financial year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.
B—ESTABLISHMENT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Salaries—								
(a) Conservators ...	15,208	16,539	1,331	...	15,208	20,589	5,381	...
(b) Superior Officers ...	56,410	63,884	7,474	...	56,410	80,602	24,192	...
(c) Subordinate Forest and Depôt Establishment ...	92,187	94,456	2,269	...	92,187	1,17,329	25,142	...
(d) Office Establishment ...	16,963	17,109	146	...	16,963	21,524	4,561	...
(e) Deputation and special allowances ...	167	2,552	2,385	...	167	3,265	3,098	...
Total ...	1,80,935	1,94,540	13,605	...	1,80,935	2,43,309	62,374	...
II.—Travelling allowances—								
(a) Conservator ...	641	1,502	861	...	641	1,829	1,188	...
(b) Superior Officers ...	5,542	8,265	2,723	...	5,542	10,974	5,432	...
(c) Subordinate Forest and Depôt Establishment ...	1,187	1,875	688	...	1,187	2,806	1,619	...
(d) Office Establishment ...	814	1,387	573	...	814	1,854	1,040	...
Total ...	8,184	13,029	4,845	...	8,184	17,463	9,279	...
III.—Contingencies—								
(a) Stationery ...	214	472	258	...	214	506	292	...
(b) Carriage of tents and records.	3,056	4,511	1,455	...	3,056	6,634	3,578	...
(c) Rents, rates and taxes ...	23	52	29	...	23	103	80	...
(d) Pay of police guards ...	...	...	...	...	...	...	...	...
(e) Official postage ...	2,084	2,153	69	...	2,084	2,799	715	...
(f) Sundries ...	9,867	7,419	...	2,450	9,867	8,879	...	988
Total ...	15,246	14,607	...	639	15,246	18,921	3,675	...
GRAND TOTAL ...	2,04,365	2,22,176	17,811	...	2,04,365	2,79,693	75,328	...

51. The statement below shows the Receipts and Expenditure of the several Forest Divisions during the year, with financial results.

The figures are given for the two Financial years as well as the Financial and Forest years 1891-92 and 1892-93 for comparison :—

Divisions.	Financial years.								Financial and Forest years.							
	Receipts.		Charges.		Surplus.		Deficit.		Receipts.		Charges.		Surplus.		Deficit.	
	1891-92.	1892-93.	1891-92.	1892-93.	1891-92.	1892-93.	1891-93.	1892-93.	1891-92.	1892-93.	1891-92.	1892-93.	1891-92.	1892-93	1891-92.	1892-93.
Direction	152	4,014	29,772	30,323	...	...	29,620	26,309	152	4,023	29,772	38,696	...	...	29,620	34,673
Mandla	1,57,215	1,22,206	67,292	47,589	89,923	74,617	...	...	1,57,215	1,30,235	67,292	69,094	89,923	61,141	...	...
Jubbulpore	45,760	50,490	37,130	44,355	8,630	6,135	...	...	45,760	58,272	37,130	55,717	8,630	2,555	...	...
Damoh	59,315	56,553	20,168	27,613	39,147	28,940	...	...	59,315	63,245	20,168	33,482	39,147	29,763	...	...
Saugor	61,307	59,142	33,063	37,374	28,244	21,768	...	...	61,307	62,495	33,063	46,457	28,244	16,038	...	...
Narsinghpur	29,474	20,551	13,968	23,568	15,506	...	...	3,017	29,474	25,717	13,968	37,547	15,506	...	...	11,830
Hoshangabad	1,27,097	1,18,113	1,42,029	57,762	...	60,351	14,932	...	1,27,097	1,35,037	1,42,029	77,796	...	57,241	14,932	...
Betul	82,580	79,304	33,811	37,040	48,769	42,264	...	...	82,580	99,997	33,811	47,572	48,769	52,425	...	...
Nimar	1,06,820	1,09,500	57,704	58,552	49,116	50,948	...	...	1,06,820	1,28,016	57,704	74,630	49,116	53,386	...	...
Total ...	6,69,720	6,19,873	4,34,937	3,64,176	2,34,783	2,55,697	...	...	6,69,720	7,07,037	4,34,937	4,80,991	2,34,783	2,26,046	...	...

52. Receipts and Expenditure in the several Forest Divisions during the year are compared and analysed in the two statements following :—

Comparison between Financial years 1891-92 *and* 1892-93.

Divisions.	Receipts.				A. Charges.				B. Charges.				Total Charges.			
	Financial year 1891-92.	Financial year 1892-93.	Difference.		Financial year 1891-92.	Financial year 1892-93.	Difference.		Financial year 1891-92.	Financial year 1892-93.	Difference.		Financial year 1891-92.	Financial year 1892-93.	Difference.	
			More.	Less.			More.	Less.			More.	Less.			More.	Less.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	152	4,014	3,862	...	6,034	3,374	...	2,660	23,738	26,949	3,211	...	29,772	30,323	551	...
Mandla	1,57,215	1,22,206	...	35,009	44,745	25,596	...	19,149	22,547	21,994	...	553	67,292	47,589	...	19,703
Jubbulpore	45,760	50,490	4,730	...	18,305	24,305	6,000	...	18,825	20,051	1,226	...	37,130	44,355	7,225	...
Damoh	59,315	56,553	...	2,762	7,038	8,596	1,558	...	13,130	19,016	5,886	...	20,168	27,613	7,445	...
Saugor	61,307	59,142	...	2,165	7,966	12,167	4,201	...	25,098	25,206	108	...	33,063	37,374	4,311	...
Narsinghpur	29,474	20,551	...	8,923	3,795	7,021	3,226	...	10,173	16,547	6,374	...	13,968	23,568	9,600	...
Hoshangabad	1,27,097	1,18,113	...	8,984	1,05,541	20,036	...	85,505	36,488	37,726	1,238	...	1,42,029	57,762	...	84,267
Betul	82,580	79,304	...	3,276	12,084	15,193	3,109	...	21,726	21,847	121	...	33,811	37,040	3,229	...
Nimar	1,06,820	1,09,500	2,680	...	25,064	25,712	648	...	32,640	32,840	200	...	57,704	58,552	848	...
Total ...	6,69,720	6,19,873	...	49,847	2,30,572	1,42,000	...	88,572	2,04,365	2,22,176	17,811	...	4,34,937	3,64,176	...	70,761

58. Comparison between Financial year 1891-92 and Forest year 1892-93 :—

Divisions.	Receipts.				A. Charges.				B. Charges.				Total Charges.			
	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.	Financial year 1891-92.	Forest year 1892-93.	Difference. More. Forest year 1892-93.	Difference. Less. Forest year 1892-93.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	152	4,023	3,871	...	6,034	4,474	...	1,560	23,738	34,222	10,484	...	29,772	38,696	8,924	...
Mandla	1,57,215	1,30,235	...	26,980	44,745	39,354	...	5,391	22,547	29,740	7,193	...	67,292	69,094	1,802	...
Jubbulpore	45,760	58,272	12,512	...	18,305	30,371	12,066	...	18,825	25,346	6,521	...	37,130	55,717	18,587	...
Damoh	59,315	63,245	3,930	...	7,038	10,736	3,698	...	13,130	22,746	9,616	...	20,168	33,482	13,314	...
Saugor	61,307	62,495	1,188	...	7,966	14,521	6,535	...	25,098	31,936	6,838	...	33,063	46,457	13,394	...
Narsinghpur	29,474	25,717	...	3,757	3,795	16,453	12,658	...	10,173	21,094	10,921	...	13,968	37,547	23,579	...
Hoshangabad	1,27,097	1,35,037	7,940	...	1,05,541	32,456	...	73,085	36,488	45,340	8,852	...	1,42,029	77,796	...	64,233
Betul	82,580	99,997	17,417	...	12,084	20,297	8,213	...	21,726	27,275	5,549	...	33,811	47,572	13,761	...
Nimar	1,06,820	1,28,016	21,196	...	25,064	32,636	7,572	...	32,640	41,994	9,354	...	57,704	74,630	16,926	...
Total ...	6,69,720	7,07,037	37,317	...	2,30,572	2,01,298	...	29,274	2,04,365	2,79,693	75,328	...	4,34,937	4,80,991	46,054	...

54. Abstract Form No. 65 shows the Financial Results of the year 1892-93:—

1.—*Financial Year.*

	Receipts.	Charges.	Remarks.
I.—Departmental workings ...	16,946	13,337	
II.—Other Revenue ...	6,02,928	1,66,705	
III.—Protection, &c. ...	...	1,84,134	
Total ...	6,19,874	3,64,176	

2.—*Forest Year.*

	Receipts.	Charges.	Remarks.
I.—Departmental workings ..	17,666	23,303	
II.—Other Revenue ...	6,89,371	2,15,126	
III.—Protection, &c. ...	.....	2,42,562	
Total ...	7,07,037	4,80,991	

55. The result of the year's transactions will be seen as follows (Form No. 60):—

1.—*Financial Year.*

		Rs.
Add—Cash surplus (Form No. 61)	... ...	2,55,697
Increased value of Stock at depôts	... ...	64,408
		3,20,105
Deduct—Decrease on outstanding Revenue (Form No. 63)	...	1,266
Total in favour of the year	...	3,18,839

2.—*Forest Year.*

		Rs.
Add—Cash surplus (Form No. 61)	... ...	2,26,046
Increased value of Stock at depôts	... ...	64,408
		2,90,454
Deduct—Decrease on outstanding Revenue (Form No. 63)	...	414
Total in favour of the year	...	2,90,040

CHAPTER V.

Forest Administration.

56. Forest administration during the year underwent certain important modifications; this will have, partly, been seen by what has already been stated in previous paragraphs of this report. The most important of the new changes contemplated have been detailed in Chief Commissioner's Resolution No. 102, dated the 5th January 1893, which marks the inauguration of a new era of progressive advancement of the interests of the population at large in relation with the State forest reserves, but it also marks an important step taken in that of the systematic working of the forests on well recognized principles of forestry. It also marks the period of amendment of Forest Rates which have been based on the volumetric system.

57. *Establishments.*—The paucity of officers available for the charge of Forest Divisions and other works continued to be severely felt throughout the year. During the whole year there was not a single officer who was not actually in Divisional or Sub-divisional charge; consequently an officer was not available for the Working-Plans Division, nor one who could in any way assist the Divisional Officers who were thus frequently hard pressed for the time in which to carry on their ordinary and multifarious duties connected with their respective charges, besides being required to carry out the prescriptions of the new Working-Scheme in all its details, and to frame Working-Plans. That some officers broke down under the strain imposed on them goes almost without saying, yet the year's general progress of useful work shows a considerable advance over that of the previous year, and this, it must be said, reflects very much to the credit of the officers themselves to whose efforts such progress is mainly due. Taken as a body the Divisional Officers in this circle are a hard-working set.

To make matters more difficult, the proposals for strengthening the Provincial and Subordinate services, and which thus provided for a better class of men than it is possible to obtain under existing conditions of pay and prospect, have not yet been sanctioned. The absence of efficiency, whether real or feigned, among a large part of the existing subordinate staff, has become a matter of notoriety since systematic working of the forests was taken in hand. At every turn now one meets with a report as to the inefficiency of this man or that, and severe examples in consequence have been made of some of the more refractory. In Mandla the forest guards one after another resigned, because they were required to carry out simple, though systematic, forest work. The same was the case in almost every other Division in which the Forest Divisional Officer saw personally to the practical training of his men. Men in the grades of Foresters have preferred to resign their appointments rather than accept their new responsibilities and the arduous duties now thrown upon them. The only remedy likely to succeed, and therefore worth applying to the existing state of matters, is to indent more largely on the Dehra Training School for the men required in the upper grades of the Subordinate Establishment. Men of this class, now on the existing staff, give the cue and set the bad examples to their subordinates, who easily, and too often, readily act up to them.

It is without a doubt that to a large number of the present Rangers and Foresters of the class of the old District Forest Staff—formerly placed under the direct orders of Deputy Commissioners, and not under the control of Forest officers—

to such forest work as required to be done systematically is extremely distasteful. Such men therefore have no business to remain any longer in the Forest Department, and the sooner we can replace them the better.

58. The table given below shows the strength of the staff as at present allotted to the Northern Circle, and as it stood on the 1st April 1892, and again on the 30th June 1893 :—

Officers of the Indian Forest Service.	On the 1st April 1892.	On the 30th June 1893.
Conservator	1	1
Deputy Conservators	5	5
Assistant Conservators	2	1
Total ...	8	7

But the number of officers proposed to be allotted to this circle under the new organization scheme was :—

1 Conservator.
10 Deputy and Assistant Conservators.
3 Extra-Assistant Conservators.
14

This latter allotment has not yet been made.

59. The following remarks refer to the changes in the *personnel* of officers during the year under report :—

Mr. F. S. Barker, Deputy Conservator of Forests, leave on medical certificate for 12 months from the 22nd January 1892, since commuted into furlough under Article 340 (*b*) of the Civil Service Regulations—*vide* Notification No. 47, dated the 4th January 1893; since then Mr. Barker has had two extensions of leave :—

Six months on medical certificate,—*vide* Notification No. 970, dated the 20th February 1893; and again six months on medical certificate in further extension was granted to him—*vide* Notification No. 3558, dated the 2nd August 1893.

Transfer of Officers.—Mr. Chander Kumar Chatterji, Extra-Assistant Conservator of Forests, was relieved of his duties in the Hoshangabad Forest Division on the 25th July 1892, and transferred to the Southern Circle.

Promotion of Officers.—Mr. W. King, Deputy Conservator of Forests, 3rd grade, officiates in the 2nd grade, with effect from the 17th June 1892.

Mr. G. F. Taylor, Deputy Conservator of Forests, 4th grade, officiates in the 3rd grade, with effect from the 17th June 1892.

Mr. F. C. Hicks, Deputy Conservator of Forests, substantive (Provisional), to be Deputy Conservator of Forests, 4th grade, substantive (Provisional), and officiates in the 3rd grade, with effect from the 27th February 1893.

Mr. Mahomed Kadir Bux, Extra-Assistant Conservator of Forests, 4th grade, was promoted to the new 3rd grade, with effect from the 1st April 1892.

During the year Mr. Pranjpe, Extra-Assistant Conservator, was permitted to draw the pay of the new 2nd grade from the 26th February 1891.

Reversion of Officers.—Mr. Muttannah, Assistant Conservator of Forests, 1st grade, substantive (provisional), was transferred to the Provincial Branch of the Controlling Staff, and appointed as an Extra-Assistant Conservator of Forests, 1st grade, with effect from the 26th February 1891.

60. The following officers held charge of Forest Divisions during the year :—

Divisions.	Officers.	From	To
Mandla ...	Mr. M. Muttannah, Extra-Assistant Conservator of Forests.	1st April 1892.	30th June 1893.
Jubbulpore ...	Mr. F. C. Hicks, Deputy Conservator of Forests.	Do.	do.
Damoh ...	Mr. S. G. Pranjpe, Extra-Assistant Conservator of Forests.	Do.	do.
Saugor ...	Mr. L. A. W. Rind, Deputy Conservator of Forests.	Do.	do.
Narsinghpur ...	Mr. W. King, Deputy Conservator of Forests.	Do.	do.
Hoshangabad ...	Mr. W. P. Thomas, Deputy Conservator of Forests.	Do.	do.
Betul ...	Mr. A. M. F. Caccia, Assistant Conservator of Forests.	Do.	do.
Nimar ...	Mr. G. F. Taylor, Deputy Conservator of Forests.	Do.	do.

R. H. Cole, Forester, having successfully completed the prescribed course of instructions at the Dehra Dun Imperial Forest School, gained the School Certificate by the Higher Standard, and has since been promoted to Forest Ranger, 6th grade, on probation.

During the year the undermentioned Foresters and stipendiary students were deputed to the Imperial Forest School, Dehra Dun, to undergo training, and joined that institution on the 25th June 1892 :—

Upper class.	Lower class.
P. Shunkarnath	Mahomed Yaseen, Forester.
J. F. Anthoney	Raghunath Pershad.
C. A. Webb	
W. Hornby	
J. D. St. Joseph	
A. Pinder	

H. Hornby, student, was returned, and his services were dispensed with, owing to his health breaking down.

The following stipendiary students of the Upper Class were deputed to the Imperial Forest School, Dehra Dun, and joined on the 25th June 1893 :—

Gourishanker Kayesth.
Chintaman Vishwanath.

61. The Executive and Protective establishments (Provincial and Subordinate Forest Services), inclusive of Extra-Assistant Conservators sanctioned for the Northern Circle, will be seen as follows :—

Designation.	Scale apportioned to the Northern Circle.	
	Number.	Monthly cost.
		Rs.
Extra-Assistant Conservators of Forests ...	3	900
Forest Rangers	22	1,570
Foresters	89	2,485
Forest Guards	657	4,940
Total ...	771	9,895

and the following was the effective strength of this establishment at the commencement and close of the year :—

Designation.	Scale apportioned to the Northern Circle.		Actual strength as it stood on the 31st March 1892.		Actual strength as it stood on the 30th June 1893.	
	Number.	Monthly cost.	Number.	Monthly cost.	Number.	Monthly cost.
		Rs.		Rs.		Rs.
Extra-Assistant Conservators ...	3	900	3	900	3	900
Forest Rangers ...	22	1,570	15	1,090	16	1,120
Foresters ...	89	2,485	87	2,420	83	2,270
Forest Guards ...	657	4,940	657	4,940	657	4,940
Total ...	771	9,895	762	9,350	759	9,230

Departmental Punishments.

62. The following table shows the number and description of punishments awarded to subordinates during the year :—

	Permanent.					
	Forest Rangers.	Foresters.	Forest Guards.	Office Clerks.	Office orderlies.	Total.
Major.						
Prosecutions ...	...	1	3	...	..	4
Dismissals ...	...	4	38	1	...	43
Permanent reduction involving less than one month's pay.	1	...	19	...	...	20
Suspensions ...	...	1	14	...	...	15
Fine of one month's pay ...	...	5	8	1	...	14
Total ...	1	11	82	2	..	96
Minor.						
Fine of less than one month's pay.	1	32	109	2	3	147
Reduction for short period ...	...	1	3	...	...	4
Total ...	1	33	112	2	3	151
Grand Total ...	2	44	194	4	3	247

The above table includes all divisions, except Betul, from which division no separate return showing punishments awarded to any member of the permanent establishment has been furnished by the Forest Divisional Officer.

The following is a summary of a few of the more important cases which were dealt with during the year :—

One Forester and one Forest Guard were prosecuted under the orders of a Deputy Commissioner for criminal trespass, but were acquitted ; one Forest Guard was prosecuted for taking Rs. 18 as bribe, and was sentenced to six months' imprisonment, and one Forest Guard is now under trial for embezzling Government money.

Two Foresters were dismissed for inefficiency, and for not complying with orders, one for insubordination, and one absconded ; his name was therefore struck off the rolls.

Thirty-eight Forest Guards were dismissed for neglect of duty, not complying with orders, and, in some instances, for being absent for prolonged periods without leave.

One Office Clerk was dismissed for neglecting duty and practical inefficiency.

One Forest Ranger was reduced from 1st to 2nd grade for neglect of duty, and one Forest Ranger was fined for insubordination, by not carrying out the orders of his Forest Divisional Officer in the manner he was directed to do.

Nineteen Forest Guards were degraded for habitual neglect of orders and of duty.

One Forester was suspended for being grossly careless with his duties, and 14 Forest Guards were suspended for various periods for unauthorized absence from duty and neglect of orders.

The above is a long tale of punishments, but severity was absolutely required if discipline had to be supported and the men prevented from grossly neglecting their now important duties.

In every individual case of punishment thus awarded, the very strictest inquiry was previously made, and the offenders were given every opportunity of defending themselves or explaining away their misconduct. A quasi-judicial proceeding is invariably held, under existing orders, for inquiring into and report of all serious offences against discipline, and thus a record of each offence and of the offender is carefully completed and maintained by the Forest Divisional Officer.

63. The Conservator feels much pleasure in being able now to record his full appreciation of the excellent work done during the year by the Forest Divisional Officers serving under his orders. These officers have had to carry out, in addition to their ordinary duties, a very large amount of detailed work connected with the introduction of regular methods of working their forests; in consequence of which they were obliged to be out at all times and seasons in the forests supervising details, training their men to the new ways and methods, and doing all that was required by the prescriptions of the Working-Scheme carried out under their personal supervision. It is to these officers, therefore, that all credit is due for having, in so short a space of time, succeeded in advancing the project to the extent now reached by it. To one and all of them the Conservator begs to tender his best thanks for the excellent results which have, so far, been achieved solely by their splendid exertions in the past. It would seem invidious, after writing the above, to have to make special mention of any officer whose work in the past year was deserving of further commendation; but distinction must be made between officers who have excelled in their work from those who have done good work generally, and it is therefore in this sense, and with the view to reporting to the Chief Commissioner the names of such officers who are so deserving, that the following special notice of services appears :—

Mr. W. P. Thomas, Deputy Conservator of Forests in charge of the Hoshangabad Division, has done specially good work during the year in carrying out the details of the Provisional Working-Scheme and of giving effect to them. He has done no Working-Plans yet, and his office work is habitually unpunctual; otherwise Mr. Thomas, who is an able officer, has managed the out-door works of his division with great ability and success. No forest fires have occurred in his division.

Mr. W. King, Deputy Conservator of Forests in charge Narsinghpur Division, did excellent work at the time of giving effect to the details of the Provisional Working-Scheme. He has also managed his Forest Division with credit. Mr. King is now transferred to the charge of Mandla, a very large and important division. Mr. King has compiled, but not completed, fairly good Working-Plans.

Mr. G. F. Taylor, Deputy Conservator in charge of the Nimar Division, got through expeditiously with a very large amount of detail and laborious work in connection with the provisions of the Working-Scheme. He has besides had a large division to manage with many more onerous responsibilities attached to such a division as Nimar than any of his predecessors ever had, all of which duties he has discharged with excellent results. Mr. Taylor has submitted good Working Plans (not yet complete) for a portion of his forests. He is now under transfer to the charge of the Saugor Division.

Mr. Hicks, Deputy Conservator in charge of the Jubbulpore Division, as usual, was most zealous and untiring in his exertions for the good of his charge. He has worked throughout with much practical success, and he at all times has most loyally supported the Conservator by carrying out his views regarding the working of the new Scheme. Mr. Hicks' division is now by far the most advanced, in having regular working projects which are being systematically carried out by Contractors who not only fell the wood according to required methods, but also buy it when cut at fixed rates. Such rates include the cost of felling and dressing the coppice stools. It is due to Mr. Hicks' personal endeavours that a fairly good set of men have been secured for this work.

It is to Mr. Muttannah, Extra-Assistant Conservator in charge of the Mandla Division, that the Conservator's very best thanks are due for the creditable manner in which he has worked in the past year the largest division in this Circle, and for the very able manner in which he has carried out the systematic working project as it applied to his charge. To his share fell the selection and formation of an unusual number of Working-Circles, no fewer than 111 having fallen to his lot. This large number is required if the people are to enjoy the ficilities in obtaining their forest supplies from the nearest regular workings. In Mr. Muttannah, the Conservator has always found a most willing and able assistant. Mr. Muttannah compiled good Working-Plans (not yet finished) for a portion of his forests.

Mr. A. M. F. Caccia, Assistant Conservator of Forests in charge of the Betul Division, has worked his charge with considerable ability and success. He also did excellent special work in the preparation of projects for the excision of land for Ryotwari Settlement, and in increasing the areas about to be brought under more systematic methods of protection from fire. Mr. Caccia is an intelligent, active and energetic young officer with good abilities, but it is to be regretted that he did not devote more of his time and attention to the preparations required for the systematic working of his forests. Much in that line was expected from him, but the actual results of the year's work were very disappointing. He made no attempt at compiling Working-Plans.

The Conservator has also much pleasure in recording the excellent work done during the year by his office staff headed and led by Abdool Raheem, the Head Clerk, and Sadasheo Rao, the second clerk. The work in the office had increased very considerably during the past year, and it is therefore very creditable to the men that they were able to keep pace with it.

R. H. E. THOMPSON,

Conservator of Forests,

Northern Circle,

Central Provinces.

The following Returns and Appendices accompany the Conservator's Annual Report, Northern Circle, for the year 1892-93.

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BENGAL SECRETARIAT
LIBRARY

STATEMENTS.

ANNUAL FORM No. 46.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Reserved Forests and Unclassed State Forests and Waste lands, 1892-93.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS. *A. Class*						
Aalaghat ...	Raigarh ...	Salaghat ...	Raigarh (including Dhanijhor) ...	71,698	112	...	...	71,698	112		
	Bhaisanghat ...	Do. ...	Raigarh ...	6,454	10	...	...	6,454	10		
			Bhimlat ...	27,278	42	...	...	27,278	42		
			Sarekha ...	15,138	23	...	...	15,138	23		
			Total ...	48,870	76	...	...	48,870	76		
	Sarekha ...	Do. ...	Sarekha ...	43,750	68	...	...	43,750	68		
			Man ...	22,498	35	...	...	22,498	35		
			Total ...	66,248	103	...	...	66,248	103		
	Paraswara ...	Do. ...	Man ...	79,549	124	...	...	79,549	124		
			Pandratola ...	4,817	7	...	...	4,817	7		
			Thema ...	2,982	4	...	...	2,982	4		
			Marjhur ...	317	...	...	...	317	...		
			Amoli ...	1,009	2	...	...	1,009	2		
			Bhadukota ...	532	1	...	...	532	1		
			Salebhurra ...	4,047	6	...	...	4,047	6		
			Total ...	93,253	146	...	...	93,253	146		
	Dhansua ...	Do. ...	Titwa ...	5,268	8	...	...	5,268	8		
			Uskal (including Khara Khurra) ...	57,994	90	...	...	57,994	90		
			Rupjhar ...	23,930	37	...	...	23,930	37		

			Batkari (including Jarla and Bodaljhala) ...	9,204	14	...	...	9,204	14
			Kera ...	1,187	2	...	...	1,187	2
			Pipalgaon Temni ...	512	1	...	...	512	1
			Pipalgaon Nandora ...	6,081	9	...	...	6,081	9
			Railipaili ...	1,515	2	...	...	1,515	2
			Dhiri Mangli ...	21,703	33	...	...	21,703	33
			Total ...	1,27,394	199	...	...	1,27,394	199
Sonawani ...	Do.	...	Sonawani ...	43,247	67	...	...	43,247	67
			Lohagri ..	261	...	...	...	261	...
			Garaghat .	2,779	4	...	...	2,779	4
			Bichwa ...	4,096	6	..	...	4,096	6
			Bhandamurri ...	9,723	15	...	...	9,723	15
			Total ...	60,106	94	...	...	60,106	94
			TOTAL OF CLASS A. ...	4,67,569	730	...	...	4,67,569	730
					B. Class				
Raigarh ...	Do.	...	Raigarh ...	35,870	56	..	35,870	...	...
			Pandutalao ...	1,286	2	..	1,286	...	...
			Total ...	37,156	58	...	37,156	...	...
Bhaisanghat ...	Do.	...	Raigarh ...	1,103	2	...	1,103	...	...
			Bhimlat ...	52,477	82	...	52,477	...	...
			Sarekha ...	6,613	10	...	6,613	...	...
			Total ...	60,193	94	...	60,193	...	...
Sarekha ...	Do.	...	Sarekha ...	39,082	61	...	39,082	...	...
			Bhimori ...	845	1	...	845	...	...
			Man ..	26,599	41	...	26,599	...	...
			Total ...	66,526	103	...	66,526	...	...
Paraswara ...	Do.	..	Man ..	3,647	6	...	3,647	...	...
			Thema ...	4,165	7	...	4,165	...	...
			Total ...	7,812	13	...	7,812	...	...

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
				RESERVED FORESTS.—(Contd.)							
				B. Class.—(Contd.)							
Balaghat.—(Contd.)	Dhansua ...	Balaghat ...	Uskal ...	2,303	4	...	2,303	...	...		
			Rupjhar ...	8,191	13	...	8,191	...	...		
			Total ...	10,494	17	...	10,494	...	...		
			TOTAL OF CLASS B. ...	1,82,181	285	..	1,82,181	...	...		
				B-I. Class.							
	Raigarh ...	Do. ...	Raigarh ..	...	...	35,870	...	35,870	56		
			Pandutalao ...	...	...	1,286	...	1,286	2		
			Total ...	...	...	37,156	...	37,156	58		
	Bhaisanghat ...	Do. ...	Raigarh ..	...	...	1,103	...	1,103	2		
			Bhimlat ...	...	...	52,477	...	52,477	82		
			Sarekha ...	...	...	6,613	...	6,613	10		
			Total ...	...	...	60,193	...	60,193	94		
	Sarekha ...	Do. ...	Sarekha ..	...	...	39,082	...	39,082	61		
			Bhimori ..	..	...	845	...	845	1		
			Man ...	...	...	26,599	...	26,599	41		
			Total ...	...	...	66,526	...	66,526	103		
	Paraswara ...	Do. ...	Man ...	...	...	3,647	...	3,647	6		
			Thema ..	...	...	4,165	...	4,165	7		
			Total ...	...	...	7,812	...	7,812	13		
	Dhansua ...	Do. ...	Uskal ...	...	...	2,303	...	2,303	4		
			Rupjhar ...	...	...	8,191	...	8,191	13		
			Total ...	...	...	10,494	..	10,494	17		
			TOTAL OF CLASS B-I.	...	...	1,82,181	...	1,82,181	285		

						UNCLASSED FORESTS.			
	Raigarh ...	Do. ...	Unclassed Forests ...	6,861	11	...	...	6,861	11
	Bhaisanghat ...	Do. ...	Do. ...	30,865	48	..	...	30,865	48
	Sarekha ...	Do. ..	Do. ..	15,558	24	...	...	15,558	24
	Paraswara ...	Do. ...	Do. ...	5,775	9	...	...	5,775	9
	Dhansua ...	Do. ...	Do. ...	2,426	4	...	...	2,426	4
	Sonawani ...	Do. ...	Do. ..	650	1	...	...	650	1
			TOTAL OF UNCLASSED FORESTS..	62,135	97	...	...	62,135	97
			TOTAL FOR DIVISION...	7,11,885	1,112	1,82,181	1,82,181	7,11,885	1,112
					RESERVED FORESTS.				
					A. Class.				
Bhandara ...	Bawanthari ..	Bhandara ..	Bawanthari (North) ..	12,287	19	...	...	12,287	19
			Do. (South) ...	48,800½	76	...	...	48,800½	76
			Chandpur (North) ...	4,725½	7	...	...	4,725½	7
			Do. (South) ..	15,545	24	...	...	15,545	24
			Total ...	81,358	127	...	...	81,358	127
	Gaikhuri ...	Do. ...	Gaikhuri ...	76,092	118	...	...	76,092	118
			Gongle ..	1,196	2	...	...	1,196	2
			Dudhara ..	10,044	15	...	...	10,044	15
			Matora ...	8,800	13	...	...	8,800	13
			Khapa ...	650	1	...	...	650	1
			Mahka ...	1,084	1	...	...	1,084	1
			Parkabori ...	15,481	24	...	...	15,481	24
			Total ...	1,13,347	177	...	...	1,13,347	177
	Paoni ...	Do. ..	Thana ...	1,075	1	...	...	1,075	1
			Gaidongri ...	3,200	5	...	...	3,200	5
			Bedarthal ...	20,745	32	...	...	20,745	32
			Nishti ...	774	1	...	...	774	1
			Erwa ...	364	1	...	...	364	1
			Total ...	26,158	40	...	...	26,158	40
	Partabgarh ...	Do. ..	Gumgaon Pipalgaon ..	22,544	35	...	...	22,544	35
			TOTAL OF CLASS A. ...	2,43,407	380	...	...	2,43,407	380

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil Division or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
			RESERVED FORESTS.—(Contd.)								
			B. Class.								
Bhandara.—(Contd.)	Bawanthari ...	Bhandara ...	Kanhargaon Antra ...	2,177½	3	...	...	2,177½	3		
			Masalkhapa ..	96	...	...	...	96	...		
			Garrah (North) ... } Do. (South) ...	1,583	2	...	...	1,583	2		
			Kapurwihiri ...	1,122	2	...	...	1,122	2		
			Mohgaon ...	2,131	3	...	...	2,131	3		
			Phulchar ...	1,456	2	...	...	1,456	2		
			Chickla ...	3,467½	5	...	...	3,467½	5		
			Pawnara ..	438	1	...	...	438	1		
			Ambagarh ...	640	1	...	...	640	1		
			Total ...	13,111	20	...	...	13,111	20		
	Gaikhuri ...	Do. ...	Kodurli ...	625	1	...	...	625	1		
			Wakal ...	1,120	2	...	...	1,120	2		
			Serati ...	9,805	15	...	...	9,805	15		
			Rampuri ...	3,127	5	...	...	3,127	5		
			Waregaon ...	665	1	...	...	665	1		
			Pathri ...	500	1	...	...	500	1		
			Mahka ...	615	1	...	...	615	1		
			Phutara ...	900	1	...	...	900	1		
			Chargaon ...	1,420	2	...	...	1,420	2		
			Girola ...	4,492½	7	...	...	4,492½	7		
			Total ...	23,269½	36	...	...	23,269½	36		
	Partabgarh ...	Do. ...	Baki Mendki ..	3,400	5	...	...	3,400	5		
	..		Wagholi ...	732	1	...	...	732	1		
			Gangejhari ...	384	1	...	...	384	1		
			Sahangarhi ...	5,240	8	...	...	5,240	8		
			Nawegaon ...	14,983	23	...	...	14,983	23		
			Partabgarh ...	12,481	20	...	...	12,481	20		
			Kelod ...	15,291	24	...	...	15,291	24		

				Siugandah ...	3,400	5	...	...	3,400	5
				Kodamendhi ...	531	1	...	...	531	1
				Erandi ...	350	1	...	...	350	1
				Arjuni ...	802	1	...	...	802	1
				Nilaj ...	6,180	10	...	...	6,180	10
				Charbhatti ...	8,677	14	...	...	8,677	14
				Mandeokhal ...	600	1	...	...	600	1
				Total ...	73,051	115	...	...	73,051	115
				TOTAL OF CLASS B...	1,09,431	171	...	...	1,09,431	171
						B-I. Class.				
						Nil.				
						UNCLASSED FORESTS.				
						Nil.				
				TOTAL FOR DIVISION..	3,52,838	551	...	...	3,52,838	551
						RESERVED FORESTS.				
						A. Class.				
Bilaspur ...	Lormi ...	Bilaspur ...		Lormi	2,64,038	413	...	...	2,64,038	413
	Kusjati Pantora..	Do. ...		Senkar ..	816	1	...	...	816	1
				Khaira ...	1,485	2	...	...	1,485	2
				Ranibachali ...	657	1	...	...	657	1
				Kusjati ...	2,762	4	...	...	2,762	4
				Bhaisaghar ...	650	1	...	...	650	1
				Lohradih ...	876	1	...	...	876	1
				Dorki ...	450	1	...	...	450	1
				Ramchanda ...	3,296	5	...	...	3,296	5
				Garaindola ...	530	1	...	...	530	1
				Bitkuli ...	33,155	51	...	...	33,155	51
				Burgahan ...	11,820	18	...	...	11,820	18
				Chatta ...	8,737	13	...	...	8,737	13
				Pantora ...	2,111	3	...	...	2,111	3
				Daikoni ...	694	1	...	...	694	1
				Total ...	68,039	199	...	...	68,039	199

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd.)						
					A. Class.—(Contd.)						
Bilaspur.—(Contd.)	Chita Pandria ...	Bilaspur ...	Chita Pandria ...	2,207	3	...	...	2,207	3		
			Darri ...	355	1	...	...	355	1		
			Total ...	2,562	4	...	...	2,562	4		
	Sonakhan ...	Do. ...	Sonakhan ...	71,860	112	...	...	71,860	112		
			Gatadhi ...	7,578	12	...	...	7,578	12		
			Total ...	79,438	124	...	...	79,438	124		
	Padakhar ...	Do. ...	Padakhar ...	814	1	...	...	814	1		
			TOTAL OF CLASS A...	4,14,891	648	...	...	4,14,891	648		
					B. Class. *Nil.*						
					B-I. Class. *Nil.*						
					UNCLASSED FORESTS. *Nil.*						
			TOTAL FOR DIVISION..	4,14,891	648	...	...	4,14,891	648		
					RESERVED FORESTS.						
					A. Class.						
Chanda ...	Ahiri ...	Ahiri Zamindari.	Bhimaram ...	12,296	19	...	...	12,296	19		
			Mirkallu ...	8,479	13	...	...	8,479	13		
			Kichil ..	60,591	95	...	...	60,591	95		
			Total ...	81,366	127	..	...	81,366	127		

	Moharli	Chanda	Moharli	2,69,964	422	...	2,638*	2,67,326	418		
	Warora	Do.	Warora	1,03,800	162	...	19,756*	84,044	131		
	Haveli	Do.	Haveli	2,10,104	328	...	53,301†	1,56,803	245	† No. 3071, dated 5th July 1893.	
	Dhaba	Do.	Dhaba	1,51,746	237	...	6,197‡	1,45,549	227	‡ Nos. 3074 & 3077, dated the 5th July 1893.	
			Total	7,35,614	1,149	...	81,892	6,53,722	1,021		
			TOTAL OF CLASS A	8,16,980	1,276	...	81,892	7,35,088	1,149		
					B. Class.						
	Brahmapuri	Do.	Brahmapuri	1,05,116	164	5,764*	...	1,10,880	173		
	Wairagarh	Do.	Wairagarh	1,56,632	245	19,910	...	1,76,542	276		
	Gunjewahi	Do.	Gunjewahi	1,67,008	261	...	668†	1,66 340	260		
	Ghot	Do.	Ghot	3,75,084	586	11,943	...	3,87,027	604	† No. 3080, dated the 5th July 1893.	
	Sironcha	Do.	Sironcha	5,95,840	931	...	31,721*	5,64,119	882		
			TOTAL FOR CLASS B	13,99,680	2,187	37,617	32,389	14,04,908	2,195		
					B-I. Class.						
Chanda	Haveli	Do.	Bhanduk	...	...	23,360	...	23,360	37		
					UNCLASSED FORESTS.						
		Do.	Unclassed Forests	14,820	23	...	...	14,820	23		
			TOTAL FOR DIVISION	22,31,480	3,486	60,977	1,14,281	21,78,176	3,404		
					RESERVED FORESTS.						
					A. Class.						
Chhindwara	Sileywanighat	Chhindwara	Kudbeli	69,050	108	...	...	69,050	108		
	Sank	Do.	Juttikhapa	8,240	13	...	...	8,240	13		
			Gumtera	26,880	42	...	...	26,880	42		
			Total	35,120	55	...	...	35,120	55		
			TOTAL OF CLASS A	1,04,170	163	...	...	1,04,170	163		

* Correction of area.
†23,360 acres transferred to class B-I.
240 acres disforested *vide* notification. 29,701 acres correction of area.
‡465 acres disforested *vide* notification. 5,732 acres correction of area.

* Rectification of areas *vide* para. 6 of the Annual Forest Report.
†80 acres correction of area.
588 acres disforested *vide* notification.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					REVISED FORESTS.—(Contd.)						
					B. Class.—(Contd.)						
Chhindwara.—(Contd.)	Umrait ...	Chhindwara ..	Soornadeyr ...	6,760	11	...	...	6,760	11		
			Choorni-Chogaon ...	4,615	7	...	...	4,615	7		
			Keolaree ...	4,328	7	...	...	4,328	7		
			Banka Tawa ...	5,381	8	...	...	5,381	8		
			Ghogree Purbut ...	4,847	8	...	...	4,847	8		
			Tekapar ...	3,237	5	...	...	3,237	5		
			Mudnee ...	3,256	5	...	...	3,256	5		
			Tekari ...	7,352	12	...	..	7,352	12		
			Choorabo ...	8,225	13	...	...	8,225	13		
			Bomleya ...	5,730	9	...	...	5,730	9		
			Jungle Dehri ...	3,117	5	...	...	3,117	5		
			Tandu ...	7,570	12	...	...	7,570	12		
			Mihlaree Bakoli ...	9,878	15	...	...	9,878	15		
			Doolunwara ...	6,126	9	...	...	6,126	9		
			Purdan Ghoree ..	7,443	12	...	...	7,443	12		
			Mujawar ...	2,454	4	..	..	2,454	4		
			Jamyr ...	3,191	5	...	...	3,191	5		
			Murwar ..	3,834	6	...	...	3,834	6		
			Dhow ...	4,969	7	...	...	4,969	7		
			Ooplee ...	3,038	4	...	...	3,038	4		
			Khyrmundle ...	4,289	7	...	...	4,289	7		
			Khokurra ...	3,870	6	...	...	3,870	6		
			Chargaon ...	3,386	5	...	...	3,386	5		
			Total ...	1,16,896	183	...	...	1,16,896	183		
	Amerwara ...	Do. ...	Mankadevi ...	2,935	5	...	...	2,935	5		
			Bijoree ...	3,137	5	...	...	3,137	5		
			Baghurdia ...	3,622	6	...	...	3,622	6		
			Doodi Boodi ...	6,713	10	...	...	6,713	10		
			Mundla ...	4,618	7	...	...	4,618	7		
			Rawunwara ...	2,240	3	...	...	2,240	3		
			Nahuria ...	3,132	5	...	...	3,132	5		
			Charunkhapa ...	2,816	4	...	...	2,816	4		
			Sarusdole ..	2,402	4	...	...	2,402	4		

										8
			Chimooa	...	5,116	8	...	...	5,116	9
			Pipuria Goomarsi	...	5,488	9	...	...	5,488	1
			Amerwara	...	397	1	...	...	397	5
			Gurha	...	3,545	5	...	...	3,545	4
			Chargaon	...	2,539	4	...	...	2,539	6
			Lugurwa	...	4,017	6	...	...	4,017	4
			Salewara	..	2,704	4	...	...	2,704	2
			Doonguria	...	1,596	2	...	...	1,596	3
			Dhubaria	..	1,931	3	...	...	1,931	2
			Karabo	..	1,368	2	...	...	1,368	5
			Munkadya Koord	...	3,131	5	...	...	3,131	4
			Damooa	...	2,568	4	...	...	2,568	6
			Teli Barunga	...	3,624	6	...	...	3,624	6
			Khumra	...	3,588	6	...	...	3,588	
			Total	...	73,227	114	...	...	73,227	114
Ambora	...	Do.	.. Ghogree	...	6,353	10	...	...	6,353	10
			Paraspani	...	9,847	15	...	...	9,847	15
			Deogarh	...	8,649	14	..	..	8,649	14
			Lohangee	...	4,729	8	...	...	4,729	8
			Jobni	...	9,020	14	...	...	9,020	14
			Murum	..	11,300	18	...	...	11,300	18
			Nundeywani	...	5,042	8	...	...	5,042	8
			Borpani	...	6,039	9	...	...	6,039	9
			Chemunkhapa	...	7,875	12	...	...	7,875	12
			Meyt	...	5,861	9	...	...	5,861	9
			Bhojkoond	...	6,954	11	...	...	6,954	11
			Changoba	...	5,082	8	...	..	5,082	8
			Murkawara	..	2,893	5	..	...	2,893	5
			Deghora	..	3,518	6	...	...	3,518	6
			Dhanora	...	7,945	12	..	...	7,945	12
			Dholunkhapa	...	5,222	8	...	...	5,222	8
			Oomra	...	4,751	7	...	...	4,751	7
			Kalapathar	...	3,228	5	...	...	3,928	5
			Mohee	...	2,198	3	...	...	2,198	3
			Kerwar	..	1,505	2	...	...	1,505	2
			Khondur	...	2,322	4	...	...	2,322	4
			Total	..	1,20,333	188	...	...	1,20,333	188
Kudbeli	...	Do.	... Newari	...	2,912	4	...	...	2,912	4
			Sardonee	...	6,139	10	...	...	6,139	10
			Total	...	9,051	14	...	...	9,051	14

ANNUAL FORM No. 46.—[*Prescribed*].—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Concld.)						
					B. Class.—(Concld.)						
Chhindwara.—(Concld.)	Sank ...	Chhindwara ...	Choureye ...	1,442	2	...	...	1,442	2		
			Hurdooa ...	2,430	4	...	...	2,430	4		
			Dhootmoor ..	4,241	7	...	...	4,241	7		
			Sank ...	3,723	6	...	...	3,723	6		
			Koombpani ..	5,666	9	...	...	5,666	9		
			Panjratola ..	3,695	5	...	...	3,695	5		
			Poontra ...	4,222	7	...	...	4,222	7		
			Pulpuldoh ...	2,611	4	...	...	2,611	4		
			Total ...	28,030	44	...	...	28,030	44		
			TOTAL OF CLASS B ...	3,47,537	543	...	...	3,47,537	543		
					B-I. Class. *Nil.*						
					UNCLASSED FORESTS.						
		Do. ...	Unclassed Forests ...	679	1	...	...	679	1		
		TOTAL	FOR DIVISION ...	4,52,386	707	...	...	4,52,386	707		
					RESERVED FORESTS. *A. Class.*						
Nagpur ...	East Pench ...	Nagpur ...	Sylaree Khapa ...	42,580	67	...	...	42,580	67		
			Gurra ...	5,372	8	...	...	5,372	8		
			Saoura ..	5,042	8	...	...	5,042	8		
			Dongertal ..	3,271	5	...	...	3,271	5		
			Ghorghat ...	4,682	7	...	...	4,682	7		
			Londa ...	4,430	7	...	...	4,430	7		
			Pinkapar ...	3,895	6	...	...	3,895	6		
			Umri ..	2,533	4	...	...	2,533	4		
			Korwa ...	5,521	9	...	...	5,521	9		

			Chiknapur ...	8,859	14	...	...	8,859	14	
			Saleya ...	5,985	9	...	...	5,985	9	
			Palora ...	4,285	7	...	...	4,285	7	
			Chorbawli ...	6,601	10	20*	1,934†	4,687	7	
			Ambajhiri ...	4,984	8	...	...	4,934	8	
			Deori ...	3,714	6	...	...	3,714	6	
			Ghooksi ...	7,143	11	...	...	7,143	11	
			Pownl ...	2,262	4	...	...	2,262	4	
			Kurpura ...	5,483	9	...	...	5,483	9	
			Ghoti ...	3,278	5	...	...	3,278	5	
			Chichdah ...	3,210	5	...	...	3,210	5	
			Nahibe ...	3,595	6	...	...	3,595	6	
			Ramjam ...	5,664	9	...	...	5,664	9	
			Total ...	1,42,339	222	20	1,934	1,40,425	219	
West Pench ...	Do. ...		Nurhar ...	42,880	67	...	...	42,880	67	
			Ambajhiri ...	3,805	6	...	...	3,805	6	
			Siladevi ...	2,804	4	...	...	2,804	4	
			Mundipar ...	3,391	5	...	...	3,391	5	
			Sourdara ...	1,574	2	...	...	1,574	2	
			Paindhri ...	3,676	6	...	...	3,676	6	
			Mohgaon ..	849	1	2,758‡	...	3,607	6	‡ No. 1585, dated 3rd April 1893.
			Richara ..	3,349	5	314‡	...	3,663	6	
			Maharkund ...	3,674	6	...	...	3,674	6	
			Kaurimait ...	7,257	11	...	...	7,257	11	
			Total ..	73,259	114	3,072	...	76,331	119	
Nagpur ...	Do. ...		Ambajhiri ...	1,895	3	...	...	1,895	3	
			Daigma ...	1,639	3	...	...	1,639	3	
			Mandwa ...	3,202	5	...	...	3,202	5	
			Mohgaon ...	2,777	4	...	...	2,777	4	
			Khappa Nipani ...	2,154	3	...	...	2,154	3	
			Karergondi ...	2,650	4	...	...	2,650	4	
			Deori ...	3,233	5	...	...	3,233	5	
			Jeungarh ...	2,147	3	...	...	2,147	3	
			Semulgarh ...	2,995	5	...	...	2,995	5	
			Junapani ...	1,370	2	...	...	1,370	2	
			Total ...	24,062	38	...	...	24,062	38	

* Correction of a clerical error.

† Hitherto held to be reserved forest, but found not to be included in the notification issued.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year	Excluded or transferred to other heads	Area on 30th June 1893		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
				RESERVED FORESTS.—(Contd.)							
				A. Class.—(Contd.)							
Nagpur ..	Katol ...	Nagpur ..	Chorkairi ...	3,625	6	...	...	3,625	6		
			Kalalgondri ...	2,089	3	...	...	2,089	3		
			Arumbhi ...	2,740	4	...	...	2,740	4		
			Ghogra ...	2,496	4	...	...	2,496	4		
			Pandradakin ...	2,646	4	...	...	2,646	4		
			Mohgaon ...	3,220	5	...	...	3,220	5		
			Kurki ...	1,745	3	...	...	1,745	3		
			Palgondi ...	1,477	2	...	...	1,477	2		
			Kaidarpur ...	4,199	7	...	...	4,199	7		
			Sonpur ...	2,173	3	...	...	2,173	3		
			Kulmonda ...	3,040	5	...	...	3,040	5		
			Katlabori ...	3,247	5	...	...	3,247	5		
			Kundi ...	2,009	3	...	...	2,009	3		
			Lonhara ...	2,275	4	...	...	2,275	4		
			Bazargaon ...	1,565	2	...	...	1,565	2		
			Doteewara ...	1,509	2	...	...	1,509	2		
			Ghogri ...	2,440	4	...	..	2,440	4		
			Total ...	42,495	66	...	...	42,495	66		
	Umrer ...	Do. ...	Bhiwarpur ...	1,871	3	...	...	1,871	3		
			Jamlapani ...	1,651	3	...	...	1,651	3		
			Kohra ...	1,976	3	...	...	1,976	3		
			Bori Mazra ...	6,723	11	...	...	6,723	11		
			Alagondi ...	4,856	8	...	...	4,856	8		
			Dighori ...	4,727	8	...	...	4,727	8		
			Salibhutti ...	3,897	6	...	...	3,897	6		
			Botyghri ...	3,543	6	...	...	3,543	6		
			Chanwihera ...	2,790	4	...	...	2,790	4		
			Jamkoli ...	5,776	9	...	...	5,776	9		
			Dhamangaon ...	4,220	7	...	...	4,220	7		

			Kurandla ...	2,212	3	...	...	2,212	3	
			Banbori ...	4,488	7	...	...	4,488	7	
			Total ...	48,730	76	...	...	48,730	76	
			TOTAL OF CLASS A ...	3,30,885	517	3,092	1,934	3,32,043	519	
					B. Class.					
					Nil.					
					B-I. Class.					
					Nil.					
					UNCLASSED FORESTS.					
West Pench ...	Do. ...		Pipalwani ...	921	1	...	921*	...	...	* No. 1585, dated 3rd April 1893. Now became reserved.
			Sugundora ...	1,837	3	...	1,837*	...	...	
			Chargaon ...	314	...	...	314*	...	...	
			Total ...	3,072	5	...	3,072	...	...	
East Pench ...	Do. ...		Bir Sihora ...	111	...	1,934†	...	2,045	3	† Hitherto incorrectly regarded and treated as reserved forest.
Nagpur ...	Do. ...		Bir Maharjhiri ...	211	...	...	...	211	...	
			Bir Warora ...	73	...	...	...	73	...	
			Bir Warregaon ...	12	...	...	...	12	...	
			Total ...	296	...	...	...	296	...	
Katol ...	Do. ...		Bir Ramjiri ...	175	...	...	...	175	...	
			Bir Jutnumkuara ...	398	1	...	...	398	1	
			Total ...	573	1	...	...	573	1	
Umrer ...	Do. ...		Bir Bhugaon ...	6	...	...	...	6	...	
		TOTAL OF	UNCLASSED FORESTS ...	4,058	6	1,934	3,072	2,920	4	
		TOTAL FOR DIVISION..		3,34,943	523	5,026	5,006	3,34,963	523	

ANNUAL FORM No. 46.—[*Prescribed*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd.) *A. Class.*						
Wardha ...	Ashti ...	Wardha ..	Sutharpur ...	2,104	3	...	...	2,104	3		
			Panchola ...	3,211	5	...	...	3,211	5		
			Thar ...	1,074	2	...	...	1,074	2		
			Manikwara ...	2,450	4	...	...	2,450	4		
			Mohwee ..	3,273	5	...	...	3,273	5		
			Bailgaon ...	2,169	3	...	...	2,169	3		
			Ajnodi ...	2,544	4	...	...	2,544	4		
			Sirposni ...	1,498	2	...	...	1,498	2		
			Thurora ...	2,210	3	...	...	2,210	3		
			Total ...	20,533	32	...	...	20,533	32		
	Arvi ..	Do. ...	Panjra ...	2,544	4	...	...	2,544	4		
			Khanwari ...	778	1	...	...	778	1		
			Sarunpari ...	2,846	4	...	...	2,846	4		
			Pachoor ...	3,285	5	...	...	3,285	5		
			Dhamakund ...	1,000	2	...	...	1,000	2		
			Ranwari ...	2,458	4	...	...	2,458	4		
			Linga ...	800	1	...	...	800	1		
			Brahmanwara ...	3,850	6	...	...	3,850	6		
			Ladgurh ...	2,256	4	...	...	2,256	4		
			Sehli ...	2,185	3	...	...	2,185	3		
			Sindiwhiri ...	943	1	...	...	943	1		
			Bangrapur ...	1,235	2	...	...	1,235	2		
			Dhugga ...	2,902	5	...	...	2,902	5		
			Amgaon ...	1,000	2	...	...	1,000	2		
			Ridhora ..	1,270	2	...	...	1,270	2		
			Borkhairi ...	1,007	2	...	...	1,007	2		
			Madna ...	1,313	2	...	...	1,313	2		
			Malaigaon ...	2,000	3	...	...	2,000	3		

Arvi	...	Do.	...	Jamnira	...	2,841	5	...	...	2,841	5
				Dhamkund	...	3,128	6	...	...	3,128	6
				Baidhona	...	1,643	3	...	...	1,643	3
				Gumgaon	...	3,163	5	...	...	3,163	5
				Kinhola	...	2,578	4	...	...	2,578	4
				Linga	...	3,697	5	...	...	3,697	5
				Panjra	...	3,646	5	...	...	3,646	5
				Brahmanwara	...	1,907	3	...	...	1,907	3
				Ladgarh	...	515	1	...	...	515	1
				Dhugga	...	206	...	...	...	206	...
				Sawal	...	3,877	6	...	...	3,877	6
				Haili Kundi	...	3,023	5	...	...	3,023	5
				Rahti	...	3,665	6	...	...	3,665	6
				Dhanapur	...	4,319	7	...	...	4,319	7
				Dhanoli	...	5,096	8	...	...	5,096	8
				Guramsur	...	3,723	6	...	...	3,723	6
				Manholi	...	4,080	6	...	...	4,080	6
				Saleye	...	1,393	2	...	...	1,393	2
				Amgaon	...	815	1	...	...	815	1
				Malaigaon	...	2,164	3	...	...	2,164	3
				Miragsur	...	6,035	9	...	...	6,035	9
				Dahegaon	...	1,585	2	...	...	1,585	2
				Total	...	96,770	151	...	...	96,770	151
Girur	...	Do.	...	Nahni	...	1,892	3	...	...	1,892	3
				Siwanphol	...	910	1	...	...	910	1
				Mohgaon	...	1,244	2	...	...	1,244	2
				Mangrul	...	1,984	3	...	...	1,984	3
				Thargaon	...	3,516	5	...	...	3,516	5
				Khaik	...	1,185	2	...	...	1,185	2
				Total	...	10,731	17	...	...	10,731	17
				Total of Class A.	...	1,28,034	200	...	...	1,28,034	200

ANNUAL FORM No. 46.—[*Prescribed*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
Wardha ...					*B. Class.*						
					Nil.						
					B.-I. Class.						
					Nil.						
					UNCLASSED FORESTS.						
					Nil.						
			TOTAL FOR DIVISION.	...	1,28,034	200	...	1,28,034	200		
					RESERVED FORESTS. *A. Class.*						
Raipur ...	Balod ...	Raipur ...	Sanjari ...	23,680	37	...	...	23,680	37		
			Balod. (North) ...	37,120	58	...	...	37,120	58		
			Do. (South) ...	37,760	59	...	...	37,760	59		
			Total ...	98,560	154	...	...	98,560	154		
	Dhamtari ...	Do. ...	Bheja ...	34,560	54	...	...	34,560	54		
			Dargahan ...	34,560	54	...	..	34,560	54		
			Dhamtari ...	36,480	57	...	...	36,480	57		
			Birjholi ...	34,560	54	...	...	34,560	54		
			Total ...	1,40,160	219	...	...	1,40,160	219		
	Sirpur ... / Khallari ...	Do. ...	Mahasamund (Part) ...	8,320	13	...	..	8,320	13		
			Sirpur ...	35,840	56	...	...	35,840	56		
			Total ...	44,160	69	...	...	44,160	69		

Lown ..	Raipur ..	Parsada ...	46,720	73	...	...	46,720	73
		Pipercheri ...	40,320	63	...	...	40,320	63
		Haldi ...	40,320	63	...	...	40,320	63
		Raitum ...	40,320	63	...	...	40,320	63
		Kantranala ...	3,548	6	...	...	3,548	6
		Total ...	1,71,228	268	...	...	1,71,228	268
		TOTAL OF CLASS A. ...	4,54,108	710	...	...	4,54,108	710
				B. Class.				
Sihawa (North).	Do. ...	Sarairookh ...	64,000	100	...	...	64,000	100
		Gattasili ...	64,000	100	...	...	64,000	100
		Goregaon ...	64,000	100	...	...	64,000	100
		Total ...	1,92,000	300	...	...	1,92,000	300
Lown ...	Do. ...	Parasoda ...	422	1	...	...	422	1
		Raitum ..	960	1	...	...	960	1
		Total ...	1,382	2	...	...	1,382	2
Sihawa (South).	Do. ...	Sankra ...	88,320	138	...	...	88,320	138
		Belargaon ...	88,320	138	...	...	88,320	138
		Total ...	1,76,640	276	...	...	1,76,640	276
Khallari ...	Do. ...	Khallari ...	35,200	55	...	...	35,200	55
Sirpur ...		Mahasamund ...	26,880	42	...	...	26,880	42
		Total ...	62,080	97	...	...	62,080	97
		TOTAL OF CLASS B. ...	4,32,102	675	...	...	4,32,102	675
				B.-I. Class.				
				Nil.				
				UNCLASSED FORESTS.				
				Nil.				
		TOTAL FOR DIVISION ...	8,86,210	1,385	...	...	8,86,210	1,385

ANNUAL FORM No. 46.—[*Prescribed*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.						
					A. Class.						
Sambalpur ...	...	Sambalpur ...			*Nil.*						
					B. Class.						
	Malikhaman ...	Do. ...	Malikhaman ...	4,403	7	...	...	4,403	7		
	Barapahar ...	Do. ...	Chandlidongri ...	6,246	10	...	...	6,246	10		
			Burhampura Lambidongri ..	4,710	7	...	64*	4,646	7		*Rectification of boundaries, *vide* Revenue Secretary's to the Chief Commissioner No. 2155, dated 25th June 1893.
			Barapahar ...	1,16,356	182	...	...	1,16,356	182		
			Halsuridongri ...	3,584	6	...	...	3,584	6		
			Laram Kud ...	512	1	...	...	512	1		
			Lengram Kud ...	102	...	...	...	102	...		
			Total ...	1,31,510	206	...	64	1,31,446	206		
	Sambalpur ...	Do. ...	Amkhaman Sagarpali...	4,812	8	...	...	4,812	8		
			Sonaridongri ...	2,345	4	...	...	2,345	4		
			Mowla Chanja ...	3,072	5	...	...	3,072	5		
			Ghichumara ...	5,427	8	...	...	5,427	8		
			Phuljar ..	2,188	3	...	...	2,188	3		
			Sangramall ...	3,788	6	...	...	3,788	6		
			Jharghatti ...	6,656	10	...	4	6,652	10	No. 6932, dated 1st October 1891.	
			Lambal Junan ...	1,638	3	...	18	1,620	3		
			Lomdongri ...	2,188	3	...	5	2,183	3		
			Burharaja ...	307	...	...	...	307	...		
			Lachmidongri ...	409	1	...	...	409	1		
			Motijharan ...	99	...	...	31†	68	...	†No. 1594, dated the 3rd April 1893.	
			Nildongri ...	921	1	...	...	921	1		

	Do.	...	Do.	...	Kandrapat ...	1,024	2	...	...	1,024	2
					Hathibari-Kulchara-Megpal ...	29,644	46	...	...	29,644	46
					Behara Khaman ...	102	...	..	...	102	...
					Charbahali Khaman ...	1,126	2	...	...	1,126	2
					Jadulinsing Ganjghora.	13,414	21	...	...	13,414	21
					Labdera Bulbunga ...	3,891	6	...	...	3,891	6
					Birsingh Basiapara ...	33,177	52	...	...	33,177	52
					Total ...	1,16,228	182		58	1,16,170	182
					TOTAL OF CLASS B. ...	2,52,141	394	...	122	2,52,019	394
							B.-I. Class.				
							Nil.				
							UNCLASSED FORESTS.				
							Nil.				
					TOTAL FOR DIVISION...	...	2,52,141	394	122	2,52,019	394
							RESERVED FORESTS.				
							A. Class.				
Seoni	...	Korai	...	Seoni	... Kurai ..	75,250	118	...	...	75,250	118
					Agri ..	33,122	52	...	...	33,122	52
					Hathigarh ...	4,869	8	...	...	4,869	8
					Baoli ...	1,254	2	...	...	1,254	2
					Bormara ...	1,410	2	...	...	1,410	2
					Rumli ...	681	1	...	...	681	1
					Amagarh Pakhara ...	14,232	22	...	...	14,232	22
					Total ...	1,30,818	204	...	...	1,30,818	204

ANNUAL FORM No. 46.—[*Prescribed.*]—(Concld.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd.) *Class A.—(Contd.)*						
Seoni ...	Gangayeinala ...	Seoni ...	Gangayeinala ...	68,404	107	...	...	68,404	107		
			Khawasa ...	14,424	23	...	...	14,424	23		
			Chaowri ...	1,571	2	...	...	1,571	2		
			Khamaria ...	1,914	3	...	...	1,914	3		
			Total ...	86,313	135	...	...	86,313	135		
	Oogly ...	Do. ...	Kariapahar ...	16,549	26	...	...	16,549	26		
			Oogly ...	56,553	88	...	...	56,553	88		
			Oolut Behreye ...	6,450	10	...	...	6,450	10		
			Total ...	79,552	124	...	...	79,552	124		
	Chhapara ...	Do. ...	Bijna ...	36,970	58	...	...	36,970	58		
			Bairoban ...	9,802	15	...	...	9,802	15		
			Total ...	46,772	73	...	...	46,772	73		
	Dhooma ...	Do. ...	Sher Kumar ...	25,788	40	...	...	25,788	40		
	Nerbada ...	Do. ...	Nerbada ...	18,474	29	...	...	18,474	29		
			Rijurwara ...	3,491	5	...	...	3,491	5		
			Kakurtalla ...	2,441	4	...	...	2,441	4		
			Hirumbhata ...	2,321	4	...	...	2,321	4		
			Total ...	26,727	42	...	...	26,727	42		
			TOTAL OF CLASS A. ...	3,95,970	619	...	...	3,95,970	619		
					B Class.						
	Gangayeinala ...	Do. ...	Kootkassa ...	1,885	3	...	...	1,885	3		

Nerbada ...	Seoni ...	Roto ...	24,840	89	...	...	24,840	89
		Burwa Kachar ...	4,238	7	...	...	4,238	7
		Dhooma ...	27,605	43	...	..	27,605	43
		Tendopani ...	624	1	...	...	624	1
		Amoda ...	368	1	...	...	368	1
		Total ...	57,675	90	...	...	57,675	90
		TOTAL OF CLASS B. ...	59,560	93	...	...	59,560	93
				B.-I. Class.				
Korai ...	Do. ...	Jamrapani ...	621	1	...	...	621	1
Oogly ..	Do. ...	Oogly ...	3,452	5	...	...	3,452	5
Chhapara ...	Do. ...	Bijna ...	1,423	2	...	...	1,423	2
		Bairoban ...	356	1	...	...	356	1
		Total ...	1,779	3	...	...	1,779	3
		TOTAL OF CLASS B-I. ...	5,852	9	...	...	5,852	9
				UNCLASSED FORESTS.				
Korai ...	Do. ..	Unclassed State Forests.	2,285	3	...	...	2,285	3
Gangayeinala ...	Do. ..	Do. ...	534	1	...	...	534	1
Oogly ...	Do. ...	Do. ...	11,924	19	...	...	11,924	19
Chhapara ...	Do. ..	Do. ...	44,888	70	...	...	44,888	...
Dhooma ...	Do. ...	Do. ...	64,406	101	...	...	64,406	101
Nerbada ...	Do. ...	Do. ...	32,343	50	...	...	32,343	50
	TOTAL OF	UNCLASSED FORESTS ...	1,56,380	244	...	...	1,56,380	244
	TOTAL FOR DIVISION...		6,17,762	965	...	...	6,17,762	965
SOUTHERN CIRCLE ...		A. Class Forests ...	33,56,014	5,244	3,092	83,826	32,75,280	5,118
		B. „ „ ...	27,82,632	4,348	37,617	2,14,692	26,05,557	4,071
		B.-I. „ „ ...	5,852	9	2,05,541	...	2,11,392	331
		Unclassed „ ...	2,38,072	372	1,934	3,072	2,36,934	369
TOTAL FOR SOUTHERN CIRCLE ...			63,82,570	9,973	2,48,184	3,01,590	63,29,164	9,889

ANNUAL FORM No. 46.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area of Reserved Forests and Unclassed State Forests and Waste lands, 1892-93.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892		Added during the year.	Excluded or transferred to other heads	Area on 30th June 1893.		No. and date of Notification of addition or transfer	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS. *A.—Class.*						
Mandla ..	Motinalla ..	Balaghat ..	Topla ...	45,506	71	...	...	45,506	71		
			Keolikhapa ...	6,296	10	...	...	6,296	10		
		Mandla ...	Mtinalla .	5,658	9	...	...	5,658	9		
			South Phen ...	77,891	120	...	...	77,891	120		
			North Phen ..	6,435	10	...	...	6,435	10		
			Total ...	141,786	220	..	...	141,786	220		
	Banjar ..	Balaghat .	Banjar Valley Forests...	17,280	27	..	...	17,280	27		
	Valley ..	Mandla ...	Do. do. ..	60,604	95	...	...	60,604	95		
			Total ...	77,884	122	...	...	77,884	122		
	Jagmandal ...	Mandla ...	Jagmandal ...	24,503	38	...	...	24,503	38		
			Choharigogarh ...	1,660	3	...	...	1,660	3		
			Airi ...	2,150	3	.	...	2,150	3		
			Total ...	28,313	44	...	...	28,313	44		
	Mandla ...	Mandla ...	Malpathar ...	35,578	55	...	...	35,578	55		
			Ataria ...	6,336	10	..	...	6,336	10		
			Kareygaon ...	23,342	36	...	...	23,342	36		
			Total ...	65,256	101	.	..	65,256	101		

	Dindoree ...	Mandla ...	Goothal ...	1,01,080	159	...	...	1,01,080	159
			Burbaspur ..	1,45,000	227	...	...	1,45,000	227
			Total ...	2,46,080	386	...	...	2,46,080	386
			TOTAL OF CLASS A ...	5,59,319	874	...	..	5,59,319	874
					Class B.				
Mandla ...	Banjar Valley..	Mandla ...	Sara ...	1,000	12	...	...	1,000	12
			Malidadar ..	6,690				6,690	
			Total ...	7,690	12	...	...	7,690	12
	Jagmandal ...	Do. ...	Piparia ...	2,400	12	...	...	2,400	12
			Pipardone ..	281		...	...	281	
			Khara Chapar ...	4,500		...	...	4,500	
			Lurhiya ...	593		...	...	593	
			Munia ...	225		...	...	225	
			Total ...	7,999	12	...	...	7,999	12
	Mandla ...	Do. ..	Bijeygaon ...	238	17	...	...	238	17
			Mukas ...	1,550		...	...	1,550	
			Haini Matta ..	600		...	...	600	
			Kathothia ...	1,000		...	...	1,000	
			Dongaria ...	500		...	...	500	
			Saliwara ..	104		...	...	104	
			Bhongadar ...	89		...	...	89	
			Ganda Deori ..	232		...	...	232	
			Deogaon ...	416		...	...	416	
			Malari ...	319		...	...	319	
			Paraswara ...	159		...	...	159	
			Saliwara ...	342		...	...	342	
			Munnia ..	225		...	...	225	
			Kareygaon ...	5,120		...	...	5,120	
			Total ...	10,894	17	...	...	10,894	17
	Dindoree ...	Mandla ...	Guthal ...	53,650	130	.	...	53,650	103
			Burbaspur ...	29,300		...	...	29,300	
				322		...	...	322	...
			Total ...	83,272	130	...	...	83,272	130
			TOTAL OF CLASS B ...	109,855	171	...	...	109,855	171

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892. Acres.	Area on 1st April 1892. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1893. Acres.	Area on 30th June 1893. Equivalent in square miles.	No. and date of Notification of addition or transfer.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(Contd.) *Class B-I.*						
Mandla ..	Motinalla ...	Mandla ...	Karaleh ...	32,166	105	...	...	32,166	105		
			Potal Bumni ...	12,469		...	...	12,469			
			Bale Pani ...	20,436		...	...	20,436			
			Bumbori ...	966		...	...	966			
			Neosa ...	325		...	...	325			
			Total ..	66,356	105	...	...	66,356	105		
	Banjar Valley ...	Do. ..	Sara ..	6,207	126	...	...	6,207	126		
			Malidadar ...	74,586		...	...	3,586			
			Pondi ..	236		...	...	7,236			
			Total ...	81,029	126	...	...	81,029	126		
	Jagmandal ...	Do. ..	Mugli ...	600	124	...	...	600	124		
			Maopuri ..	577		...	...	577			
			Peparia ...	20,270		...	...	20,270			
			Saj Pani ...	5,983		...	...	5,983			
			Khara Chaper ..	28,882		...	...	28,882			
			Ghangarh ...	1,780		...	...	1,780			
			Chubi ...	3,346		...	...	3,346			
			Labha ...	2,614		...	...	2,614			
			Deori ...	14,245		...	...	14,245			
			Sontekri ...	223		...	...	223			
			Kasota ...	272		...	...	272			
			Nakawal ...	279		...	...	279			
			Dhandka ...	400		...	...	400			
			Total ..	79,471	124	...	...	79,471	124		

		Saliwara	...	281		...	...	281	
		Bastara	...	17,000		...	...	17,000	
		Partola	...	1,383		...	...	1,383	
		Sahajin	...	480		...	...	480	
		Bumni	...	20,404		...	...	20,404	
		Jujhari	...	1,056		...	...	1,056	
		Mukas	...	14,822		...	...	14,822	
		Hani Matta	...	26,699		...	...	26,699	
		Kathotia	...	3,239		...	...	3,239	
		Dongaria	...	8,277		...	...	8,277	
		Kharin	...	313		...	...	313	
		Gazipur	...	856		...	...	856	
		Malpathar	..	780		...	...	780	
		Jargi	...	870		...	...	870	
		Bijeygaon	..	322	163	...	...	322	163
		Kareygaon	...	432		...	...	432	
		Bholin Tola	...	304		...	...	304	
		Ratta	..	422		...	..	422	
		Narpa	..	1,718		...	...	1,718	
		Muaria	...	1,032		...	..	1,032	
		Juna Mandla	...	599		...	...	599	
		Chamar Wahu	...	252		...	...	252	
		Talipur	...	221		...	...	221	
		Singarpur	...	256		...	...	256	
		Kharsipar	...	240		...	...	240	
		Kursaroo	...	479		...	...	479	
		Mohgaon	..	579		...	...	579	
		Bagaspur	...	256		...	...	256	
		Jhangul	...	416		...	...	416	
		Chargaon	..	145		...	...	145	
		Total	...	1,04,133	163	...	...	1,04,133	163
Dindori	...	Mundia	...	15,750		...	...	15,750	
		Chupri	...	1,684		...	...	1,684	
		Chalua	...	1,633		...	...	1,633	
		Drolapar	...	200		...	...	200	
		Chatia	..	15,588		...	...	15,588	
		Charpani	..	1,24,396		...	...	1,24,396	
		Sondopur	...	10,767	483	...	...	10,767	483
		Guthal	...	24,892		...	...	24,892	
		Majia Khar	...	770		...	...	770	
		Keolari	...	5,170		...	...	5,170	
		Pathar Kacha	...	2,925		...	...	2,925	
		Gowsri	..	13,673		...	..	13,673	
		Mosummudi	...	512		...	...	512	
		Katigahan	...	19,355		...	...	19,355	

ANNUAL FORM No. 46—[*Prescribed*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892. Acres.	Area on 1st April 1892. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1892. Acres.	Area on 30th June 1892. Equivalent in square miles.	No. and date of Notification of addition or transfer.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
				RESERVED FORESTS—(Contd.) *Class B-1.*—(Contd).							
Mandla ...	Mandla ...	Mandla ...	Kurali ...	1,907		...	...	1,907			
			Burhgaon ...	392		...	...	392			
			Bahara ...	194		...	...	194			
			Buchagaon ...	192	483	...	...	192	483		
			Singpur ...	224		...	...	224			
			Sookalpura ...	384		...	...	384			
			Add a proper re-measurement ...	68,436		...	...	68,436			
			Total ...	3,09,044	483	...	...	3,09,044	483		
	Shahpura ...	Do. ..	Nagur ...	1,976		...	...	1,976			
			Drowachar ...	5,369		...	...	5,369			
			Kursipar ...	1,086		...	...	1,086			
			Gogri ...	656		...	...	656			
			Dundadar ...	1,104		...	...	1,104			
			Deogaon ..	977		...	...	977			
			Bharamti ...	112		...	...	112			
			Boramti ...	400		...	...	400			
			Bastara ...	1,620		...	...	1,620			
			Beeprari ...	3,556		...	...	3,556			
			Murkee ...	526		...	...	526			
			Kanchanpur ...	562		...	...	562			
			Karondi ...	7,289		...	...	7,289			
			Sakti ...	2,540		...	...	2,540			
			Danakhora ...	4,273		...	...	4,273			
			Kuachar ...	2,278		...	...	2,278			
			Dadargaon ...	5,286		...	...	5,286			
			Kuldhor ...	2,890		...	...	2,890			
			Chapra ...	11,639		...	...	11,639			
			Chawridadar ...	2,497		...	...	2,497			
			Satpahari ...	624		...	...	624			
			Wuberdadar ...	2,070		...	...	2,070			
			Regum ...	8,833		...	...	8,833			
			Khuri ...	3,106		...	...	3,106			
			Andari ...	1,761		...	...	1,761			

Sarawati ...	10,966		...	...	10,966	
Bawalkar ...	23,600		...	...	23,600	
Jurki ...	955		...	...	955	
Tauri ...	4,752		...	...	4,752	
Kajarwar ...	964		...	...	964	
Padaria ...	9,213		...	...	9,213	
Amara ...	23,136	771	...	...	23,136	771
Umaria ..	13,136		...	...	13,136	
Mukka ...	18,768		...	...	18,768	
Lugdama ...	1,656		..	...	1,656	
Dahonia ...	53,582		...	...	53,582	
Barakhora ...	26,439		...	...	26,439	
Ghusa ..	3,182		...	...	3,182	
Sulawara ...	840		...	...	840	
Musarghagri ...	73,943		...	...	73,943	
Kharni ...	4,504		...	...	4,504	
Naigaon ...	3,370		...	...	3,370	
Euhkhar ..	19,107		...	...	19,107	
Kolapondi ...	46,808		...	...	46,808	
Barkund ...	7,455		...	...	7,455	
Rosa ...	1,180		...	...	1,180	
Bhalia ...	384		...	..	384	
Khapa ...	400		...	...	400	
Chunpara ...	176		...	...	176	
Saorajpura ...	384		...	...	384	
Chargaon ...	384		...	...	384	
Padaria ...	256		..	...	256	
Patedeogaon ...	160		...	...	160	
Singhar ...	184		..	...	184	
Murwari ...	224		...	...	224	
Chaniah ...	320		...	...	320	
Kudhawa ...	385		...	...	385	
Putgaon ...	80		...	...	80	
Balpur ...	364		...	...	364	
Dhundipur ...	352		...	...	352	
Baislagaon ...	156		...	...	156	
Add by re-measurement.	68,108		...	...	68,108	
Total ...	4,92,903	771	...	...	4,92,903	771
TOTAL OF CLASS B-I.	11,32,936	1,771	...	...	11,32,936	1,771
			UNCLASSED FORESTS. *Nil.*			
TOTAL FOR DIVISION ...	18,02,110	2,816	...	...	18,02,110	2,816

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year	Excluded or transferred to other heads	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres	Equivalent in square miles		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.						
					A. Class.						
Jubbulpore ...	Murwara ...	Jubbulpore ...	Machmacha ...	21,188	33	...	...	21,188	33		
			Sutri ..								
			Khitali ..								
			Total ...	21,188	33	...	...	21,188	33		
	Jubbulpore ..	Do. ...	Pandee ..	2,718	4	...	...	2,718	4		
			Tauri ...	7,684	12	...	...	7,684	12	No. 1254, dated 14th March 1893.	
			Bhoommrah ...	7,833	12	...	...	7,833	12		
			Chutri .	3,120	5	...	...	3,120	5		
			Lower Gour ..	5,417	9	104	...	5,521	9		
			Total ..	26,772	42	104	...	26,876	42		
	Danwahi ..	Do. ...	Barela ...	8,212	13	...	...	8,212	13		
			Kalpi ...	44,572	70	...	...	44,572	70		
			Jamthar ...	3,944	6	...	...	3,944	6		
			Bijadoni ..	12,273	19	...	...	12,273	19		
			Jummunia ...	1,690	3	...	...	1,690	3		
			Dobhi ...	4,670	7	...	...	4,670	7		
			Total ...	75,361	118	...	...	75,361	118		
			TOTAL OF CLASS A ...	123,321	193	104	...	123,425	193		

					B. Class.				
Do.	...	Do.	...	Khairam ...	58	...	...	...	58	...
				Daba ...	642	1	...	...	642	1
				Bustara ...	4,500	8	...	...	4,500	8
				Bhabera ..	539	1	...	...	539	1
				Piparia ...	324	...	...	...	324	...
				Bijapur ...	525	1	...	...	525	1
				Sahajpur ...	304	...	...	...	304	...
				Pindrai ...	384	1	...	...	384	1
				Bhur ...	67	...	...	...	67	...
				Bhatadongri ...	782	1	...	...	782	1
				Chulia ...	151	...	...	...	151	...
				Maneri ...	257	...	...	...	257	...
				Total ...	8,533	13	...	...	8,533	13
				TOTAL OF CLASS B...	8,533	13	...	...	8,533	13
						B-I. Class.				
Murwara	...	Jubbulpore	...	Guraiya ...	542	1	...	...	542	1
				Jamuni ...	1,294	2	...	...	1,294	2
				Bara ...	1,257	2	.	...	1,257	2
				Karreho ...	1,254	2	...	...	1,254	2
				Hardua ..	2,812	4	...	...	2,812	4
				Banjari ...	726	1	...	...	726	1
				Surma ..	1,216	2	...	...	1,216	2
				Jaiwara ...	1,682	3	...	...	1,682	3
				Ghughri ..	2 762	4	.	...	2,762	4
				Darodi ...	1,677	3	...	...	1,677	3
				Imighagwan ..	1,408	2	...	...	1,408	2
				Bijori ...	2,443	4	...	...	2,443	4
				Gopalpur ...	4,313	7	..	...	4,313	7
				Kharain ..	1,213	2	...	...	1,213	2
				Jhiria ...	1,854	3	...	...	1,854	3
				Bijpura ...	5,312	8	...	...	5,312	8
				Karela ..	416	1	...	...	416	1
				Saliya ..	392	1	...	...	392	1
				Jhapi Chapperwah ...	904	1	...	...	904	1
				Jaopahar ...	173	...	...	...	173	...
				Kudra ..	1,000	2	...	...	1,000	2
				Lakhapathri ...	951	1	...	...	951	1
				Jalasur ...	575	1	...	...	575	1
				Patharri ...	5,899	9	...	...	5,899	9
				Pathari ...	2,434	4	...	...	2,434	4
				Kaivah ...	10,670	17	...	...	10,670	17

ANNUAL FORM No. 46—[*Prescribed*].—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					B-I. Class—(Contd.)						
			Umdar ...	13,898	22	...	...	13,898	22		
			Mamar ...	850	1	...	...	850	1		
			Bethrokhas ...	1,476	2	...	...	1,476	2		
			Banswahi Khap ...	502	1	...	...	502	1		
			Total ...	71,905	113	...	...	71,905	113		
Jubbulpore ...	Sihora ...	Jubbulpore ...	Bijhota ...	15,222	24	...	...	15,222	24		
			Kathi ...	4,730	7	...	...	4,730	7		
			Cheolapani ...	1,660	3	...	...	1,660	3		
			Dhanwahi ...	651	1	...	...	651	1		
			Harghar ...	418	1	...	...	418	1		
			Dragarh ...	8,237	13	...	...	8,237	13		
			Umarpani ...	8,551	13	...	...	8,551	13		
			Drogawan ...	1,708	3	...	...	1,708	3		
			Kharopani ...	5,127	9	...	...	5,127	9		
			Kumharpura ...	5,845	9	...	...	5,845	9		
			Garghat ..	503	1	...	...	503	1		
			Punwara ...	1,990	3	...	...	1,990	3		
			Darohi ...	610	1	...	...	610	1		
			Putna ...	2,697	4	...	...	2,697	4		
			Samghar ...	958	1	...	...	958	1		
			Jamunia ...	361	1	...	...	361	1		
			Mangawan ...	799	1	...	...	799	1		
			Amochh ...	596	1	..	...	596	1		
			Kuan ...	1,088	2	...	...	1,088	2		
			Jugawal ...	825	1	...	...	825	1		
			Total ...	62,576	99	...	...	62,576	99		

Jubbulpore ...	Do. ...	Kundwara ...	2,922	5	...	...	2,922	5
		Budhari ..	1,056	2	...	...	1,056	2
		Sukree ...	1,694	3	...	...	1,694	3
		Bijapuree ...	5,419	8	...	...	5,419	8
		Komhee ...	1,101	2	...	...	1,101	2
		Richai ...	653	1	...	...	653	1
		Bamasi Purwai ...	785	1	...	...	785	1
		Gangai ...	1,353	2	...	...	1,353	2
		Dasrathpure ...	4,159	6	...	...	4,159	6
			—560	1	...	...	—560	1
		Total ...	18,582	29	...	...	18,582	29
Burgee ...	Do. ...	Pararia ...	1,202	2	...	...	1,202	2
		Chadwaha ...	510	1	...	...	510	1
		Kathotia ..	1,807	3	...	...	1,807	3
		Khamkhera ...	713	1	...	...	713	1
		Saliwara ...	5,006	8	...	...	5,006	8
		Menkhen ...	310	...	...	...	310	...
		Khapa ...	577	1	...	...	577	1
		Sulwa ...	1,554	2	...	...	1,554	2
		Karampatha ...	5,026	8	...	...	5,026	8
		Lohari ...	4,490	7	...	...	4,490	7
		Burgi Khas ...	950	1	...	...	950	1
		Narainpur ...	442	1	...	...	442	1
		Suma ...	5,289	8	...	...	5,289	8
		Tigra ...	3,836	6	...	...	3,836	6
		Malegawan ...	583	1	...	...	583	1
		Kelone ...	1,294	2	...	...	1,294	2
		Piparia ...	1,310	2	...	...	1,310	2
		Totan ...	705	1	...	...	705	1
		Total ...	35,604	55	...	...	35,604	55
Dhanwahi ...	Mandla District.	Bustara ...	18,530	28	...	...	18,530	28
		Pararia ...	11,406	18	...	...	11,406	18
		Barangda ...	82	...	...	...	82	...
		Pandi ...	1,888	3	...	...	1,888	3
		Salah ...	532	1	...	...	532	1
		Chargaon ...	388	...	...	...	388	...
		Bendrai ..	1,598	3	...	...	1,598	3
		Khapa ..	224	...	...	...	224	...
		Gomti ...	645	1	...	...	645	1
		Total ...	35,293	54	...	...	35,293	54
		TOTAL OF CLASS B-I ...	2,23,960	350	...	...	2,23,960	350

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					UNCLASSED FORESTS.						
Jubbulpore ...	Jubbulpore ...	Jubbulpore ...	Jubbulpore ...	104	...	...	*104	...	...		*Transferred to Class A.
			TOTAL OF UNCLASSED FORESTS ...	104	...	...	104	...	...		
			TOTAL FOR DIVISION ...	3,55,918	556	104	104	3,55,918	556		
					RESERVED FORESTS. *Class A.*						
Damoh ..	Southern Range	Damoh ...	Singrampur ...	6,555	10	...	...	6,555	10		
			TOTAL OF CLASS A.	6,555	10	...	...	6,555	10		
					Class B. *Nil.* *Class B-I.*						
	Southern Range.	Damoh ...	Sahajpur ...	11,306	18	...	...	11,306	18		
			Jamoon ...	9,893	16	...	...	9,893	16		
			Paliva ...	10,283	16	...	...	10,283	16		
			Deori ..	13,774	22	...	...	13,774	22		
			Mahgawan ..	5,419	8	...	...	5,419	8		
			Pataria ...	3,282	5	...	...	3,282	5		
			Sawdai ...	4,160	6	...	...	4,160	6		
			Sanga ...	11,611	18	...	...	11,611	18		
			Moharh ..	8,624	13	...	...	8,624	13		
			Ouria ...	3,873	6	...	...	3,873	6		
			Bagdari ...	10,652	17	...	...	10,652	17		
			Baheria ...	10,445	17	...	...	10,445	17		
			Lorhi ...	9,196	14	...	...	9,196	14		
			Hathidole ...	6,956	11	...	...	6,956	11		

		Kuakheri ...	3,178	5	...	...	3,178	5
		Hanromathago ...	12,054	19	.	...	12,054	19
		Rampura ...	4,184	6	...	...	4,184	6
		Kalia Kohi ...	11,695	18	...	...	11,695	18
		Sarra Torra ...	3,310	5	...	...	3,310	5
		Dhakarwah ..	9,503	15	...	...	9,503	15
		Legra ...	9,653	15.	...	...	9,653	15
		Dudhia ...	15,534	24	...	...	15,534	24
		Jamoon Jhiri ...	16,145	25	...	...	16,145	25
		Deori ...	4,347	7	...	...	4,347	7
		Tola ...	5,682	9	...	...	5,682	9
		Cheryari ...	6,481	10	...	...	6,481	10
		Konda Kallan ...	1,847	3	...	...	1,847	3
		Bansipur ...	1,452	2	...	...	1,452	2
		Aloni ...	6,136	10	...	..	6,136	10
		Bhaorpani ...	8,835	14	...	...	8,835	14
		Gidra ...	9,611	15	...	...	9,611	15
		Selpura ...	9,401	15	...	...	9,401	15
		Hinoti ...	7,109	11	...	...	7,109	11
		Total ...	2,65,631	415	...	...	2,65,631	415
Central Range...	Damoh ...	Jamoon Hatri ..	6,298	10	...	...	6,298	10
		Sorukhera ...	6,150	10	...	...	6,150	10
		Chirvi ..	9,902	15	...	...	9,902	15
		Babera ...	9,254	14	...	...	9,254	14
		Balakatei ...	12,462	19	...	...	12,462	19
		Jamoona ...	4,850	8	...	...	4,850	8
		Muraho ...	2,500	4	...	...	2,500	4
		Rajnagar ...	8,134	13	...	...	8,134	13
		Damoh ...	2,269	3	...	...	2,269	3
		Khamkhera ..	5,147	8	...	...	5,147	8
		Magra ...	11,305	18	...	...	11,305	18
		Mahooa Danda ..	2,663	4	...	...	2,663	4
		Piperia Mall ...	779	1	...	...	779	1
		Gudri ...	2,429	3	...	...	2,429	3
		Pateria ...	2,334	3	...	...	2,334	3
		Garaghat ...	2,220	3	...	...	2,220	3
		Baraya Phera ...	4,944	8	...	...	4,944	8
		Padri ..	2,579	4	...	...	2,579	4
		Zair ...	4,857	8	...	...	4,857	8
		Burrat ...	1,670	3	...	...	1,670	3
		Maria ..	4,831	8	...	...	4,831	8
		Panda ..	5,436	9	...	...	5,436	9
		Deotara ...	7,838	12	...	...	7,838	12

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					Class B-I.—(Contd.)						
Damoh ...	Central Range...	Damoh ...	Jhada ..	3,526	6	...	...	3,526	6		
			Kheri ...	5,068	8	...	...	5,068	8		
			Total ...	1,29,445	202	...	...	1,29,445	202		
	Northern Range.	Do. ...	Pancham Nagar ...	2,483	4	...	...	2,483	4		
			Sarai ...	9,695	15	...	...	9,695	15		
			Hathidoh ...	13,666	21	...	...	13,666	21		
			Tokri ...	4,929	8	...	...	4,929	8		
			Ghora Khooria ...	6,908	11	...	...	6,908	11		
			Bori Kanora ...	4,511	7	...	...	4,511	7		
			Bhensdoh ...	5,448	8	...	...	5,448	8		
			Chopra ...	4,861	8	...	...	4,861	8		
			Naipar ...	6,565	10	...	...	6,565	10		
			Silapari ...	6,898	11	...	...	6,898	11		
			Karkohi ...	19,190	30	...	...	19,190	30		
			Manakpura ...	5,808	9	...	...	5,808	9		
			Chorya ...	7,902	12	...	...	7,902	12		
			Bhadkura ...	11,059	18	...	...	11,059	18		
			Karihara ...	9,492	15	...	...	9,492	15		
			Bardha ...	8,372	13	...	...	8,372	13		
			Puramakhera ...	193	...	...	...	193	...		
			Total ...	1,27,980	200	...	...	1,27,980	200		
			TOTAL OF CLASS B-I ...	5,23,056	817	...	...	5,23,056	817		

							UNCLASSED FORESTS.				
	Do.	...		Pheerlot ...	1,786	3	...	...	1,786	3
				Shahpura ...	502		...	...	502	
				Total ...	2,288	3	...	...	2,288	3
	Central Range.			Kusmi ...	416	1	...	...	416	1
	Southern Range.			Tejgarh ...	309		...	..	309	
				Gopalpur ...	460		...	...	460	
				Sumnapur, part of ...	328		...	...	328	
				Kapa Deori ...	373		...	...	373	
				Pidarai ...	298		...	...	298	
				Kamtara, part of ...	366		...	...	366	
				Kondal ...	1,204		...	...	1,204	
				Keolari ...	859		...	...	859	
				Kot Khura, part of ...	300		...	...	300	
				Sorashagli ...	773	17	...	...	773	17
				Ubbasili ...	1,978		...	...	1,978	
				Putrighat ...	353		...	...	353	
				Bando Paharh ...	234		...	...	234	
				Dasondi ...	345		...	...	345	
				Bhenskhar ...	353		...	...	353	
				Bhourbi ..	641		...	...	641	
				Hardeo Hathighat ...	645		...	..	645	
				Khakariya Kallon ...	820		...	...	820	
				Total ...	10,639	17		...	10,639	17
				TOTAL OF UNCLASSED FORESTS ...	13,343	21	...	..	13,343	21
				TOTAL FOR DIVISION.	5,42,954	848	...	...	5,42,954	848
							RESERVED FORESTS. *Class A.*			
Saugor ...	Hathkho ...	Saugor ...		Garhkota ...	2,899	5	..	...	2,899	5
				Hathkho ...	19,492	30	...	...	19,492	30
				Rangeer ...	11,036	17	..	...	11,036	17
				Total ...	33,427	52	...	...	33,427	52
	Saugor ...	Do. ...		Ranipura ...	7,909	12	...	...	7,909	12
	Banda ...	Do. ...		Tijora ...	559	1	...	...	559	1
				Total ...	8,468	13	...	...	8,468	13
				TOTAL OF CLASS A. ..	41,895	65	...	...	41,895	65

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd).

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892. Acres.	Area on 1st April 1892. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1893. Acres.	Area on 30th June 1893. Equivalent in square miles.	Number and date of Notification of addition or transfer.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
			RESERVED FORESTS.—(Contd.) *Class B.*								
Saugor ..	Saugor ...	Saugor ...	Jesinagar ...	401	1	...		401	1		Acres. * Added *vide* Notification No. 1-417, dated the 23rd March 1893 ... 723 Added by transfer from B-II. ... 250 Total ... 973
			Belkhadur ...	...	...	973*	...	973			
			Amet ..	...	...	1,175	...	1,175			
			Dhao ...	...	...	528	...	528			
			Khamapur and Lalakpatan.	...	..	1,028	...	1,028			
			Pagaree ...	...	...	247	†	247	7		† Added by transfer from B-II.
			Sur Talao ..	...	...	214		214			
			Pahar Saugar or Anund	...	...	200		200			
			Chitoli ..	...	...	150		150			
			TOTAL OF CLASS B ...	401	1	4,515	...	4,916	8		
			Class B-I.								
			Jesinagar ...	9,600	15	...	...	9,600	15		* 1,028 } Transferred 647 } to Class B-I. † 2,117 Transferred to class B-I. 60 2,177, Disforested *vide* Notification No. 2780, dated 15th June 1893.
			Jallendher ..	11,520	18	...	*1,028	10,492	16		
			Rahatgarh ...	26,880	42	...	*647	26,233	41		
			Saugor Hills ...	4,258	7	...	†2,177	2,081	3		
			Total ...	52,258	82	...	3,852	48,406	75		
			Abchand ..	26,240	41	...	...	26,240	41		
			Balch (Churari) ...	68,728	107	...	...	68,728	107		
			Singhpore (Tohurpur)...	37,120	58	‡79	...	37,199	58		‡Correction of areas.
			Bharrai (Murgakhun)...	24,670	39	...	...	24,670	39		
			Sohagpur ...	25,344	40	...	...	25,344	40		
			Total ...	1,82,102	285	79	....	1,82,181	285		

			Bandri ...	27,611	43	...	...	27,611	43	
			Kunjia ...	15,671	24	...	...	15,671	24	
			Multhone ...	42,452	66	§113	...	42,565	66	§Correction of areas.
			Total ...	85,734	133	113	...	85,847	136	
			Behrole ...	41,402	65	...	...	41,402	65	
			Patri Kota ...	27,614	43	...	...	27,614	43	
			Shahgarh ...	50,664	79	...	...	50,664	79	
			Total ...	1,19,680	187	...	...	1,19,680	187	
			TOTAL OF CLASS B-I ...	4,39,774	687	192	3,852	4,36,114	680	
					UNCLASSED FORESTS. *Nil.*					
			TOTAL FOR DIVISION ...	4,82,070	753	4,703	3,852	4,82,925	753	
					RESERVED FORESTS. *Class A.*					
Narsinghpur ..	Bachai ..	Narsinghpur ...	Kerpani ...	1,051		...	...	1,051		
			Kishunpur ...	1,598		...	...	1,598		
			Datadongri ..	1,250		...	...	1,250		
			Jhirpani ...	14,511		...	...	14,511		
			Bakon ..	339		...	...	339		
			Singhon ...	4,465		...	..	4,465		
			Chawarpatha ..	358	69	...	...	358		
			Gaur Chappar ...	930		...	..	930	69	
			Jamunia ...	594		...	...	594		
			Dongaria ...	3,712		...	...	3,712		
			Kanaldal ...	1,353		...	.	1,353		
			Sara Dharia ...	7,144		...	...	7,144		
			Gemgaori ...	2,550		..	...	2,550		
			Lighari ..	4,045		...	...	4,045		
			Total ...	43,900	69	...	...	43,900	69	
	Srinagar ...	Narsinghpur ..	Sher Piparia ...	603		...	...	603		
			Bhadaur ...	1,855		...	...	1,855		
			Jhiri ...	398		...	...	398		
			Bundha ...	909	46	...	...	909	46	
			Nimkhera ...	370		...	...	370		
			Jammupani ..	2,082		...	...	2,082		
			Amargarh ...	23,486		...	...	23,486		
			Total ...	29,703	46	...	...	29,703	46	

ANNUAL FORM NO. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District, or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd). *Class A.*—(Contd).						
Narsinghpur—(Contd.)	Bachai ...	Narsinghpur ...	Khamaria ...	1,128	19	...	...	1,128	19		
			Richai ...	792		...	...	792			
			Bilgawan ...	709		...	...	709			
			Ramkhirya ...	894		...	...	894			
			Mulkuhi ...	8,670		...	...	8,670			
			Bikrumpar ...	255		...	...	255			
			Total ...	12,448	19	...	...	12,448	19		
	Tendukhera Sub-Range (Richai Range) ...	Narsinghpur ...	Bharpani ...	761	4	...	...	761	4		
			Alumpur ...	633		...	...	633			
			Rajgarha ...	1,106		...	...	1,106			
			Total ...	2,500	4	...	...	2,500	4		
	Kheri ...	Narsinghpur ...	Saleh Chowka ...	17,930	28	...	...	17,930	28		
			Total ...	17,930	28	...	...	17,930	28		
	Chowgan Sub-range (Khari Range) ...	Narsinghpur ...	Chowgan ...	21,140	33	...	...	21,140	33		
			Total ...	21,140	33	...	...	21,140	33		
			TOTAL OF CLASS A. ...	1,27,621	199	...	...	1,27,621	199		

						Class B. *Nil.*				
						Class B-I.				
	Richai ...	Saugor ..	Harikat ...	22,050	34	...	...	22,050	34	
		Damoh ...	Mehka, Khapa, Mohgawan ..	5,558	9	...	...	5,558	9	
	Tendukhera ...	Saugor ...	Dilhri, Amakhoh ... / Dhilwar and Pindrai ...	12,416	19	..	...	12,416	19	
			TOTAL OF CLASS B-I ...	40,024	63	...	...	40,024	63	
						UNCLASSED FORESTS. *Nil.*				
			TOTAL FOR DIVISION ..	1,67,645	262	...	...	167,645	262	
						RESERVED FORESTS. *Class A.*				
Hoshangabad ...	Rajaborari ...	Hoshangabad ...	Machak ...	16,563	26	...	...	16,563	26	
			Ajnal ...	49,843	78	...	...	49,843	78	
			Ganjal ...	57,843	90	...	...	57,843	90	
			Kaida ...	52,448	82	...	...	52,448	82	
			Total ...	1,76,697	276	...	...	1,76,697	276	
	Kalibhit ...	Hoshangabad ..	Kalibhit ..	1,66,400	260	* 14,124	...	1,80,524	282	
	Bori ...	Do.	Bori ...	23,680	37	...	...	23,680	37	
			Dhain ..	16,000	25	...	...	16,000	25	
			Total ...	39,680	62	...	...	39,680	62	
	Saonligarh ...	Hoshangabad ...	Dhekna ...	7,590	12	...	...	7,590	12	
			Tokra Labi ..	3,444	5	...	...	3,444	5	
	Do. ...	Betul ...	Dhekna ...	42,330	66	...	42,330 †			
			Tokra ..	24,716	39	...	24,716 †			
			Bhoptia ...	18,841	29	...	18,841 †			
			Total ...	96,921	151	...	85,887	11,034	17	
			TOTAL OF CLASS A. ...	4,79,698	749	14,124	85,887	4,07,935	637	

* Due to correct figures given by the Survey Department.

†Transferred to Betul, *vide* Letter No. 1060—VIII-5, dated 4th April 1892, from the Secretary to the Chief Commissioner, Central Provinces.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		Number and date of Notification of addition or transfer	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(Contd.) *Class B. Nil. Class B-I.*						
Hoshangabad—(Contd.)	Sohagpur ...	Hoshangabad ...	Chowka ...	48,142	449	...	...	48,142	449		
			Malin ...	1,96,572		...	...	1,96,572			
			Sohagpur ...	43,022		...	...	43,022			
			Total ...	2,87,736	449	...	...	2,87,736	449		
	Hoshangabad ...		Bagra ...	26,382	144	...	...	26,382	144		
			Kesla ...	38,542		...	...	38,542			
			Zamani ...	27,072		...	...	27,072			
			Total ...	91,996	144	...	...	91,996	144		
	Seoni ...		Gaderwara ...	21,379	98	...	...	21,379	98		
			Lokhartalai ...	41,173				41,173			
			Total ...	62,552	98	...	...	62,552	98		
	Harda ...	Do. ...	Harda ...	1,27,573	479	...	...	1,27,573	479		
			Charwa ...	1,78,503				1,78,503			
			Total ...	3,06,076	479	...	...	3,06,076	479		
			TOTAL OF CLASS B-I ..	7,48,360	1,170	...	...	7,48,360	1,170		
					UNCLASSED FORESTS. *Nil.*						
			TOTAL FOR DIVISION ...	12,28,058	1,219	14,124	85,887	11,56,295	1,807		

							Reserved Forests. *Class A.*			
Betul	Tapti	Betul	Ambapathar	12,650	20	...	...	12,650	20
			Ghotia	14,892	23	...	...	14,892	23
			Tajree	17,920	28	...	...	17,920	28
			Kanourie	15,680	24	...	...	15,680	24
			Chikolda	10,880	17	..	...	10,880	17
			Lodubehra	21,120	33	...	...	21,120	33
			Dhawia	12,283	20	...	...	12,283	20
			Gohar	1,920	3	...	...	1,920	3
			Total	1,07,345	168	..	...	1,07,345	168
	Bhowargarh	Betul	Jamgarh	17,920	28	...	...	17,920	28
			Katamavoh	20,480	32	...	...	20,480	32
			Bhowargarh	16,640	26	...	...	16,640	26
			Temra	24,380	38	...	...	24,380	38
			Mandha	10,240	16	...	..	10,240	16
			Banspani	1,920	3	...	...	1,920	3
			Total	91,580	143	...	...	91,580	143
	Ranipur	Betul	Kheragondi	25,600	40	...	...	25,600	40
			Chiklar	26,880	42	...	...	26,880	42
			Mawar	16,000	25	...	...	16,000	25
			Ratera	21,229	33	...	...	21,229	33
			Matardeo	22,700	35	...	...	22,700	35
			Total	1,12,409	175	...	...	1,12,409	175
	Assir	Betul	Sagpandeo	19,400	30	...	...	19,400	30
			Total	19,400	30	...	...	19,400	30
	Saoligarh	Betul	Dhekna	...	...	42,330	...	42,330	66
			Tokra	...	...	27,916	..	27,916	44
			Phoplia	...	...	15,641	...	15,641	24
			Total	...	...	*85,887	...	85,887	134
			Total of Class A.	3,30,734	516	85,887	...	4,16,621	650

* Received by transfer from Hoshangabad Forest Division, *vide* Letter No. 1060-VIII-5, dated 4th April 1892, from the Secretary to the Chief Commissioner, Central Provinces.

ANNUAL FORM NO. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd.) *Class B. Nil. Class B-I.*						
Betul—(Contd.)	Tapti ...	Betul ...	Tapti ...	44,217	70	...	...	44,217	70		
	Bhowargarh ...		Bhowargarh ..	30,888	48	.	...	30,888	48		
	Assir ..		Assir ..	1,37,097	214	...	...	1,37,097	214		
	Dabka ...		Dabka ...	1,85,190	289	...	...	1,85,190	289		
			TOTAL OF CLASS B-I. ...	3,97,392	621	...	...	3,97,392	621		
					UNCLASSED FORESTS. *Nil.*						
			TOTAL FOR DIVISION ...	7,28,126	1,137	85,887	...	8,14,013	1,271		
					RESERVED FORESTS. *A. Class.*						
Nimar ...	Khandwa ...	Nimar ...	Susarda ..	853	1	...	...	853	1		
			Kanapur ...	7,680	12	..	...	7,680	12		
			Beria ...	6,080	9	...	...	6,080	9		
			Beheria ...	1,280	2	...	...	1,280	2		
			Bhojwa ...	720	1	...	...	720	1		
			Undria Baoria ...	3,100	5	...		3,100	5		
			Kirgaon ..	46,281	72	...	...	46,281	72		
			Borari ..	1,760	3	...	...	1,760	3		
			Telia ..	360	1	...	...	360	1		
			Total ...	68,114	106	...	...	68,114	106		

Punassa	Nimar	Dehgaon	1,000	2	...	...	1,000	2
		Ajnal	1,237	2	...	...	1,237	2
		Gunjari	3,500	5	...	...	3,500	5
		Chaoria	170	...	...	...	170	...
		Bainpura	600	1	...	...	600	1
		Punassa	1,15,448	180	...	...	1,15,448	180
		Chandgarh	61,440	96	...	...	61,440	96
		Chirakhan	3,185	5	...	...	3,185	5
		Purni Dohad	5,120	8	...	...	5,120	8
		Audhli	1,280	2	...	...	1,280	2
		Singaji	21,280	33	...	...	21,280	33
		Kharda	360	1	...	...	360	1
		Total	2,14,620	335	...	...	2,14,620	335
Piplod	Nimar	Gondwana	1,18,797	186	...	...	1,18,797	186
		Bhainsa	50,311	79	...	...	50,311	79
		Total	1,69,108	265	...	...	1,69,108	265
Burhanpur	Nimar	Mandwa	44,826	70	...	...	44,826	70
		Shamerdeo	55,734	87	...	...	55,734	87
		Jambapani	1,16,845	183	...	...	1,16,845	183
		Ichhadevi	15,200	24	...	...	15,200	24
		Asir	59,418	93	...	...	59,418	93
		Amba	1,10,653	173	...	...	1,10,653	173
		Dehri	1,400	2	...	...	1,400	2
		Total	4,04,076	632	...	...	4,04,076	632
		TOTAL OF CLASS A	8,55,918	1,338	...	...	8,55,918	1,338
				Class B.				
Khandwa	Nimar	Attude	7,213	11	...	...	7,213	11
Punassa	Do.	Bir	27,685	43	...	...	27,685	43
Piplod	Do.	Piplod	1,09,600	171	...	...	1,09,600	171
Burhanpur	Do.	Hewra	57,484	90	...	...	57,484	90
Do.	Do.	Manjrod	99,304	155	...	...	99,304	155
		Total	3,01,286	471	...	...	3,01,286	471
		TOTAL OF CLASS B	3,01,286	471	...	...	3,01,286	471

ANNUAL FORM No. 46.—[*Prescribed.*]—(Concld.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1893.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(Contd.) *Class B-I. Nil.*						
					UNCLASSED FORESTS. *Nil.*						
			TOTAL FOR DIVISION.	11,57,204	1,809	...	...	11,57,204	1,809		
	Northern Circle.		A. Class Forests ...	25,25,061	3,944	1,00,115	85,887	25,39,289	3,966		
			B. „ „ ...	4,20,075	656	4,515	...	4,24,590	663		
			B-I. „ „ ..	35,05,502	5,479	192	3,852	35,01,842	5,472		
			Unclassed „ ...	13,447	21	...	104	13,343	21		
			TOTAL FOR NORTHERN CIRCLE...	64,64,085	10,100	1,04,822	89,843	64,79,064	10,122		
	GRAND TOTAL FOR CENTRAL PROVINCES ...		A.—Class Forests ...	58,81,075	9,188	1,03,207	1,69,713	58,14,569	9,084		
			B.— „ „ ...	32,02,707	5,004	42,132	2,14,692	30,30,147	4,784		
			B-I.— „ „ ...	35,11,354	5,488	2,05,733	3,852	37,13,235	5,803		
			Unclassed „ ...	2,51,519	393	1,934	3,176	2,50,277	390		
			TOTAL FOR CENTRAL PROVINCES.	1,28,46,655	20,073	3,53,006	3,91,433	1,28,08,228	20,011		

ANNUAL FORM No. 47.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Statement showing the Progress made in, and the Expenditure incurred on, Forest Settlements during 1892-93.

Name of Forest Division.	Name of Civil District or Territory.	Area already settled at commencement of the year. Sqr. Ms.	Areas finally settled during the year.						Areas undergoing Settlement.						Remarks.
			Number and date of Government order according final sanction to the Settlement.	Name of Forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled— In Forest accounts.	Expenditure incurred during the year on areas finally settled— In other accounts.	Entire cost per square mile of areas finally settled during the year.	At commencement of the year. Name of tract.	At commencement of the year. Area in square miles.	Taken in hand during the year. Name of tract.	Taken in hand during the year. Area in square miles.	Expenditure incurred during the year on areas undergoing Settlement— In Forest accounts.	Expenditure incurred during the year on areas undergoing Settlement— In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						Rs.	Rs.	Rs.					Rs.	Rs.	
Balaghat ...	Balaghat ...	1,015	...	...	...	...	...	...	...	...	...	...	..	...	
Bhandara ...	Bhandara ...	551	...	...	...	..	...	...	...	...	...	...	...	...	
Bilaspur ...	Bilaspur ...	648	...	...	...	...	...	...	...	...	...	...	...	...	
Chanda ...	Chanda ...	3,380	...	...	...	...	...	...	*15 small blocks...	23	...	...	...	...	*Under preliminary notification.
Chhindwara ...	Chhindwara ...	706	...	...	...	...	...	...	...	...	...	...	...	...	
Nagpur ...	Nagpur ...	514	*Central Provinces Gazette* Notification No. 1585, dated the 3rd April 1893.	Pipalwani ... Sugundora ... Chargaon ...	5	...	...	...	...	...	...	...	...	...	
						...	...	...	...	...	...	...	...	...	
						...	...	...	...	...	...	...	...	...	
Wardha ..	Wardha ...	200	...	...	...	...	...	...	...	...	...	...	...	...	
Raipur ...	Raipur ...	1,385	...	...	...	...	...	...	...	...	...	...	...	...	
Sambalpur ...	Sambalpur ...	394	...	...	...	...	...	...	...	...	...	...	...	...	
Seoni ...	Seoni ...	721	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL FOR SOUTHERN CIRCLE.		9,514	...	...	5	...	...	...	...	23	...	...	...	...	

ANNUAL FORM No. 47.

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Statement showing the Progress made in, and the Expenditure incurred on, Forest Settlements during 1892-93.

Nil.

ANNUAL FORM No. 48.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Record of Demarcation and Maintenance of Boundaries, 1892-93.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks	Total length of boundaries at the close of the year	Expenditure on demarcation during the year—		Remarks.
								On new work.	On repairs.	
1	2	3	4	5	6	7	8	9	10	11
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Balaghat ...	...	1,066	24	1,090	...	71	1,161	...	536	
Bhandara ...	...	1,000	...	1,000	...	300	1,300	...	61	
Bilaspur ...	17	318	...	335	19	4	358	2	...	
Chanda ...	76	2,738	...	2,814	410*	284	3,508	401	1,487	* Approximately given.
Chhindwara ...	...	1,017	315	1,332	...	19	1,351	...	188	
Nagpur ...	...	818	...	818	...	72	890	...	581	
Wardha ...	...	373	20	393	...	26	419	...	247	
Raipur ...	...	1,284	...	1,284	...	53	1,337	...	296	
Sambalpur ...	120	462	3	585	12	20	617	444	45	
Seoni ...	...	951	12	963	...	159	1,122	...	61	
TOTAL FOR SOUTHERN CIRCLE ..	213	10,027	374	10,614	441	1,008	12,063	847	3,502	

N. B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

FORM No. 48.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Record of Demarcation and Maintenance of boundaries, 1892-93.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.		Remarks.
								On new work.	On repairs.	
1	2	3	4	5	6	7	8	9	10	11
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Mandla	...	2,842	...	2,842	...	25	2,867	...	998	
Jubbulpore	31	1,076	...	1,107	...	123	1,230	1,204	601	
Damoh	24	642	42	708	10	203	921	113	502	
Saugor	...	1,713	...	1,713	...	233	1,946	...	433	
Narsinghpur	...	434	...	434	...	155	589	...	7	
Hoshangabad	8	...	774	782	...	67	849	13	...	
Betul	18	1,530	...	1,548	...	83	1,631	9	...	
Nimar	96	733	17	846	...	176	1,022	1,274	404	
TOTAL FOR NORTHERN CIRCLE ...	177	8,970	833	9,980	10	1,065	11,055	2,613	2,945	
GRAND TOTAL FOR C. P. ...	390	18,997	1,207	20,594	451	2,073	23,118	3,460	6,447	

N. B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

ANNUAL FORM No. 49.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Statement of Forest areas Surveyed and under Survey, during the year 1892-93.

Division.	Areas Surveyed and under Survey during the year.																								Areas remaining to be taken under Survey.	Total Forest area at end of the year as per Form (No. 46.)	COST.			Remarks.
	Special surveys—Maps on 4" scale or over, by Survey of India Department or Forest Survey Branch.								Ordinary, included in District Surveys.								Chain and compass or other surveys by local officers													
	WITH INTERIOR DETAILS.					BOUNDARY SURVEYS.			WITH INTERIOR DETAILS.					BOUNDARY SURVEYS.			WITH INTERIOR DETAILS.					BOUNDARY SURVEYS.							
	WITH DETAILS OF GROWING STOCK.		WITHOUT DETAILS OF GROWING STOCK.		Total cost to 30th June 1893.				WITH DETAILS OF GROWING STOCK.		WITHOUT DETAILS OF GROWING STOCK.		Total Cost.				4 INCH OR OVER.		UNDER 4 INCH.		Total cost.									
	Previous.	Of the year.	Previous.	Of the year.		Previous.	Of the year.	Total cost.	Previous.	Of the year.	Previous.	Of the year.		Previous.	Of the year.	Total cost.	Previous	Of the year.	Previous.	Of the year.		Previous.	Of the year.	Total cost.			Previous.	Of the year.	Entire cost of all Surveys to end of the year.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Rs.	Rs.	
Balaghat ...	...	88	...	...	2,252	...	...	Cost included in column 6.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*739	1,112	...	2,252		*Exclusive of 243 square miles made available for cultivation.
Bhandara ...	441	74	...	...	30,143	117	6		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	551	25,644	4,499		
Bilaspur ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	648	648	...	...		
Chanda ...	127	...	...	...	12,155	8	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	24	†3,239	3,404	11,498	681		†Exclusive of 37 square miles made available for cultivation.
Chhindwara ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	707	707	...	...		
Nagpur ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	523	523	...	...		
Wardha ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200	200	...	...		
Raipur ...	685	177	...	...	48,110	98	9		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	523	1,385	38,498	9,612		
Sambalpur ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	394	394	...	...		
Seoni ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	‡956	965	...	...		‡Exclusive of 9 square miles made available for cultivation.
TOTAL FOR SOUTHERN CIRCLE.	1,253	339	...	...	92,660	223	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	24	7,929	9,889	75,640	17,044		

ANNUAL FORM No. 49.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Statement of Forest areas Surveyed and under Survey, during the year 1892-93.

Division.	Areas surveyed and under Survey during the year.																											Cost.			Remarks.
	Special surveys—Maps on 4" scale or over, by Survey of India Department or Forest Survey Branch.								Ordinary, included in District Surveys.								Chain and compass or other surveys by local officers.								Areas remaining to be taken under Survey.	Total Forest area at end of the year as per Form (No. 46)				
	With interior details.					Boundary surveys.			With interior details.					Boundary surveys.			With interior details.					Boundary surveys.									
	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total cost.	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total cost.	4 inch or over.		Under 4 inch.		Total cost.	Previous.	Of the year.	Total cost.			Previous.	Of the year.	Entire cost of all Surveys to end of the year.	
	Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Rs.	Rs.	
By Forest Survey Branch.																														
Jubbulpore, including Dhanwahee Range..	597	81	597*	81	43,450	139	36	(included in 4" cost.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*Nil.*	556	33,707	9,743	43,450	* Includes areas other than demarcated forests.
Narsinghpur ...	...	61	...	61	6,510	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	201	262	...	6,510	6,510	† Triangulation for 4" work.
By Survey of India Department.																														
Numar ...	683†	868‡	...	...	96,521	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*Nil.*	1,337	...	96,521	96,521	‡ Triangulation for 4" work about 968·0 square miles. Detail Survey on 4" scale 632·40.
Total for Northern Circle.	1,280	1,010	597	142	1,46,481	139	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,155	33,707	1,12,774	1,46,481	Theodolite traversing (approximately) in Linear miles 804·94.
GRAND TOTAL FOR C. P. ...	2,533	1,349	597	142	2,39,141	362	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	24	7,929	12,044	1,09,347	1,29,818	1,46,481	

ANNUAL FORM No. 50.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Progress made in Working-Plans, 1892-93.

Division.	Areas for which Working-Plans have been completed.		Areas for which Working-Plans are being compiled.		Areas for which Working-Plans have still to be taken in hand.	Total Forest area as in Form No. 46.	Entire cost, per square mile, of Working-Plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	Rs.	
			RESERVED FORESTS.					
Balaghat ...	...	...	...	...	1,015	1,015	...	
Bhandara ...	...	...	...	...	551	551	...	
Bilaspur ...	...	...	...	...	648	648	...	
Chanda ...	...	...	...	...	3,380	3,380	...	
Chhindwara ...	...	...	...	...	706	706	...	
Nagpur ...	...	...	27	195	297	519	...	
Wardha ...	...	...	...	...	200	200	...	
Raipur ...	...	...	...	...	1,385	1,385	...	
Sambalpur ...	...	...	...	...	394	394	...	
Seoni ...	...	...	...	...	721	721	...	
Total ...	...	...	27	195	9,297	9,519	...	
			UNCLASSED FORESTS.					
Balaghat ...	...	...	...	...	97	97	...	
Bhandara ...	...	...	...	...	...	...	...	
Bilaspur ...	...	...	...	...	...	...	...	
Chanda ...	...	...	...	...	23	23	...	
Chhindwara ...	...	...	...	...	1	1	...	
Nagpur ...	...	...	...	...	5	5	...	
Wardha ...	...	...	...	...	...	...	...	
Raipur ...	...	...	...	...	...	...	...	
Sambalpur ...	...	...	...	...	...	...	...	
Seoni ...	...	...	...	...	244	244	...	
Total ...	...	...	...	...	370	370	...	
TOTAL FOR SOUTHERN CIRCLE ...	...	...	27	195	9,667	9,889	...	

ANNUAL FORM No. 50—[*Prescribed*].

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Progress made in Working-Plans, 1892-93.

Division.	Areas for which Working-Plans have been completed.		Areas for which Working-Plans are being compiled.		Areas for which Working-Plans have still to be taken in hand.	Total Forest area as in Form No. 46.	Entire cost, per square mile, of Working-Plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	Rs.	
Mandla ...	...	...	...	·302	2,514	2,816		
Jubbulpore ...	...	...	...	194	362	556		
Damoh ...	...	...	...	268	580	848		
Saugor ...	...	...	...	102	652	754		
Narsinghpur ...	...	...	...	100	162	262	* 2,650	* Pay of Temporary Establishment employed on Working-Plans.
Hoshangabad ...	...	...	...	253	1,555	1,808		
Betul ...	...	...	...	22	1,250	1,272		
Nimar ...	...	...	...	176	1,632	1,808		
TOTAL FOR NORTHERN CIRCLE ...	...	...	...	1,417	8,707	10,124	2,650	
GRAND TOTAL FOR C. P. ...	...	...	27	1,612	18,374	20,013	2,650	

ANNUAL FORM No.-51.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Communications and Buildings during 1892-93.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Road and Paths.			Total Expenditure on New works.	Buildings.		Roads and Paths.			Total Expenditure on Repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of Repairs.	Expenditure incurred.	Nature of Repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Balaghat ...	19 quarters (temporary) for Forest subordinates ...	297	Road from Dongerjharri to Serpar (to facilitate removal of forest produce) ..	5	141*	...							*Incorrectly classified under Budget head A-VIII-G.
			Road from Sulsulli to the borders of Khairagarh (to facilitate the extraction of forest produce) ...	15	99	...	Repairs of 28 subordinates' quarters (temporary) ...	14	Surface repairs to existing roads.	52	309	...	
	Total ...	297		20	240	537		14		52	309	449	
Bhandara ...	Purchase of materials for permanent subordinates' quarters ...	396											
	Total ...	396		...	...	396		...		...	...	...	

Bilaspur ...	One Forester's quarter (temporary) ...	46	Projection of a road over Barighat to open up the Lormi reserve ...	...	51	...	Repairs of one Forester's quarter (temporary) ...	21			
Chanda ...	Permanent quarters for the Hospital Assistant at Alapalli (under construction) ...	358					Re-thatching and repairing roof of Chanda bungalow ...	245			
							Re-roofing Alapalli Rest-house and repairing out-houses ...	195			
							Petty repairs to the Alapalli Depôt building.	25			
	Purchase of materials for the Rangers' quarters (permanent) at Moharli ...	84					Repairs to roof of Moharli Rest-house ...	5			
							Repairs to roof of Moharli Ranger's quarters (temporary) ...	11			
							Repairs to out-houses of Moharli Rest-house...	8			
	32 Guards' quarters (temporary) ...	472					Repairs of 73 Guards' quarters (temporary).	265			
							Turning tiles and repairing walls of the Haveli Ranger's quarters (permanent) ...	175			
	Shed (temporary) for the Government Cattle at Alapalli ...	61					Repairs to the temporary Depôt building at Warora ..	18			
							Repairs of 11 old tanks to secure water for the Forest Establishment and workmen ..	329	Surface repairs to existing roads.	625	1,335	...
	Total ...	975		...	...	975		1,276		625	1,335	2,611

ANNUAL FORM No. 51.—(Concluded.)

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and Paths.			Total Expenditure on New works.	Buildings.		Roads and Paths.			Total Expenditure on Repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of Repairs.	Expenditure incurred.	Nature of Repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Chhindwara..	Quarters (temporary) for one Range officer and 13 Forest guards.	144					Repairs of 18 Subordinates' quarters (temporary ..	67					
	Total ...	144		...	...	144		67		...	...	67	
Nagpur ...	Six Forest Guards' quarters (temporary) ...	75					Repairs of 49 Subordinates' quarters (temporary) ...	196	Petty surface repairs to existing roads ...	43	80	...	
	Total ...	75		...	...	75		196		43	80	276	
Wardha ..	Seven Forest Subordinates' quarters (temporary) ...	113					Repairs of 18 Forest Subordinates' quarters (temporary) ...	51	Petty surface repairs to existing roads ...	15	16	...	
	Total ...	113		...	...	113		51		15	16	67	
Raipur ...	Range officer's quarters (permanent) at Dhamtari ..	346					Repairs of six Forest Subordinates' quarters (temporary) ...	29					
	Purchase of materials for Range officer's quarters (permanent) at Singpur ...	54					Lining the Gidpuri well.	10	Petty surface repairs to existing roads ...	40	10	...	
	Total ...	400		...	...	400		39		40	10	49	

	Four Guards' nakas (temporary) ...	40					Seven Guards' nakas (temporary) ...	27			
	Six small tanks to secure a better water-supply for people employed in the forests ...	451							Surface repairs to existing roads.	1	43	...
	Total ...	537		...	51	588		48		1	43	91
Sambalpur ...		...	Road from Gangai to Madkati (to facilitate extraction of produce from the Barapahars).	1	31	...	Repairs of 45 Forest Subordinates' quarters (temporary) ...	67				
	Total ...	...		1	31	31		67		...	...	67
Seoni ...	Range officers' quarters (permanent) at Telia.	122										
	Range officers' quarters (permanent) at Chappara ...	115					Re-roofing Korai Rest-house and minor repairs ...	231				
	Three Sub-Range officers' quarters (completed) ...	122					Re-roofing Rukhar Rest-house and minor repairs ...	79				
	One Sub-Range officer's quarter (unfinished) ..	21					Repairs of 45 Forest Subordinates' quarters (temporary) ..	104	Petty surface repairs to existing roads ...	45	96	...
	17 quarters for Forest guards' (temporary) ..	164										
	Total ...	544		...	...	544		414		45	96	510
	TOTAL FOR SOUTHERN CIRCLE ...	3,481		21	322	3,803		2,298		821	1,889	4,187

Form No. 51.

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Communications and Buildings during 1892-93.

Division.	New work undertaken during the year.						Repairs executed during the year.						Remarks.
	Buildings.		Roads and Paths.			Total Expenditure on new work.	Buildings.		Roads and Paths.			Total Expenditure on repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred.		Nature of Repairs.	Expenditure incurred.	Nature of Repairs.	Length repaired.	Expenditure incurred.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Mandla ...	2 Rangers' quarters ..	671		...	...	671	1 Repairs to Ranger's quarters ...	13	2 Repairs to paths.	16	25	38	
	4 Foresters' do. ..	1,030		...	...	1,030	1 Repairs to Forester's Chowkees ..	8	1 Repairs to roads	7	7	15	
	11 Forest guards' quarters ...	84		...	...	84	28 Repairs to Forest Chowkees ...	147		...	...	147	
	2 Out-houses for rest-houses ..	26		...	...	26	2 Repairs to rest-houses ..	28		...	...	28	
	Total ...	1,811	Total ...	...	...	1,811	Total ...	196	Total ...	23	32	228	
Jubbulpore ...	1 Ranger's quarters ...	126		...	...	126	1 Repairs to rest-house ...	9	2 Repairs to Roads ..	34	71	80	
	1 Forester's do. ...	52		...	...	52							
	1 Rest-house do. ..	442		...	...	442	30 Repairs to Forest Chowkees ...	175		...	...	175	
	10 Forest Chowkees ...	320		...	...	320							
	Total ...	940	Total ..	...	...	940	Total ...	184	Total ...	34	71	255	
Damoh ...	14 Forest Chowkees ..	204		..	...	204	17 Repairs to Chowkees ...	42		...	...	42	
	Total ...	204	Total ...	...	...	204	Total ...	42	Total ...	...	...	42	

Saugor ...	2 Forest Guard's Chowkees ...	23		...	...	23	1 Bangalow ...	12	9 Repairs to roads.	19	47	59
							12 Chowkees ...	36		...	...	36
	Total ...	23	Total ...	...	...	23	Total ...	48	Total ...	19	47	95
Narsinghpur ...		...		...	...	...	3 Repairs to Forest Guards' huts ..	5		...	...	5
	Total ...	...	Total ...	...	...	...	Total ..	5	Total ...	..	...	5
Hoshangabad.	4 Rest-houses ...	2,194	2 Cart-track for removing Forest Produce ...	10	50	2,244	1 Repairs to Ranger's quarters ..	25	7 Repairs to roads.	33	119	144
	1 Out-house of Rest-house ..	25		...	...	25	15 Repairs to Forester's quarters ...	215	3 Do. to Cart-road ...	22	50	265
	3 Wells ..	862		...	...	862	60 Repairs to Forest Guard's quarters	290	7 Repairs to Cart-track ...	46	365	655
	2 Forester's quarters.	75		...	...	75	Repairs to wells ..	98	1 Repairs to Joti-track ...	5	50	148
									2 Repairs to Ghats.	1	72	72
	Total .	3,156	Total ...	10	50	3,206	Total .	628	Total ...	107	656	1,284
Betul ...	42 Forest Chowkees..	883	4 Roads ..	16	133	1,016	8 Repairs to Forest Chowkees ..	49	23 Repairs to roads ..	117	1,295	1,344
	Total ..	883	Total ...	16	133	1,016	Total ..	49	Total ...	117	1,295	1,344
Nimar ...	1 Completion of Mandwa Bangalow.	322	2 Roads ...	21	1,109	1,431	2 Repairs to Bangalow	170	5 Repairs to roads.	45	565	735
	1 Rest-house ..	500		...	...	500	2 Do. to rest-house ..	41		...	...	41
	2 Ranger's houses ..	695		...	...	695						
	1 Forester's house ..	200		...	..	200	57 Repairs to Forest Guard's huts .	388		...	...	388
	24 Forest Guard's huts.	1,040		...	...	1,040						
	Total ..	2,757	Total .	21	1,109	3,866	Total ..	599	Total ...	45	565	1,164
	TOTAL FOR NORTHERN CIRCLE ...	9,774	.....	47	1,292	11,066	.....	1,751	.....	...	2,666	4,417
GRAND TOTAL FOR CENTRAL PROVINCES ...		13,255	.....	68	1,614	14,869	.....	4,049	.....	821	4,555	8,604

ANNUAL FORM No. 52—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Register of Breaches of Forest Rules during 1892-93.

Forest Division.		Cases pending from 1891-92.	New cases of the year.					Total cases.	Disposed of during the year.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Balaghat ...	A ...	...	1	6	...	...	7	7	4	8	3	6	7	14	...
	B ...	...	...	84	7	4	95	95	94	260	1	6	95	266	...
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	1	90	7	4	102	102	98	268	4	12	102	280	...
Bhandara ...	A ...	6	...	8	1	...	9	15	9	25	3	9	12	34	3
	B ...	9	1	512	173	16	702	711	675	2,246	8	17	683	2,263	28
	C ...	1	...	...	...	...	...	1	...	...	...	...	...	...	...
	Total ...	16	1	520	174	16	711	727	684	2,271	11	26	695	2,297	31
Bilaspur ...	A ...	1	4	7	4	1	16	17	12	34	5	16	17	50	...
	B ...	...	1	12	18	...	31	31	23	90	8	24	31	114	...
	C ...	...	2	...	1	...	3	3	...	...	...	...	...	...	...
	Total ...	1	7	19	23	1	50	51	35	124	13	40	48	164	...
Chanda ...	A ...	...	7	3	...	1	11	11	7	15	4	17	11	32	...
	B ...	...	5	1,563	435	214	2,217	2,217	2,115	6,647	102	139	2,217	6,786	...
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	12	1,566	435	215	2,228	2,228	2,122	6,662	106	156	2,228	6,818	...

Chhindwara ...	A ...	...	4	6	1	2	13	13	13	25	...	...	13	25	...
	B ...	...	3	479	148	33	663	663	500	1,112	163	367	663	1,479	...
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	7	485	149	35	676	676	513	1,137	163	367	676	1,504	...
Nagpur ...	A ...	1	3	9	5	...	17	18	12	23	6	24	18	47	...
	B ...	18	...	21	63	17	101	119	105	441	2	18	107	459	12
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	19	3	30	68	17	118	137	117	464	8	42	125	506	12
Wardha ...	A ...	2	...	1	7	...	8	10	6	9	4	8	10	17	...
	B ...	11	...	16	67	...	83	94	68	171	3	6	71	177	23
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	13	...	17	74	...	91	104	74	180	7	14	81	194	23
Raipur ...	A ...	...	...	7	12	5	24	24	15	85	9	98	24	183	...
	B ...	...	...	341	214	68	623	623	621	2,258	2	2	623	2,260	...
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	...	348	226	73	647	647	636	2,343	11	100	647	2,443	...
Sambalpur ...	A ...	...	27	29	...	...	56	56	46	170	9	27	55	197	1
	B ...	20	16	274	25	4	319	339	285	785	37	140	322	925	17
	C ...	...	...	14	...	...	14	14	...	...	...	...	...	...	...
	Total ...	20	43	317	25	4	389	409	331	955	46	167	377	1,122	18
Seoni ...	A ...	...	1	3	1	1	6	6	3	7	3	5	6	12	...
	B ...	...	...	195	496	6	697	697	581	1,083	...	...	581	1,083	116
	C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	1	198	497	7	703	703	584	1,090	3	5	587	1,095	116
Total for Southern Circle...	A ...	10	47	79	31	10	167	177	127	401	46	210	173	611	4
	B ...	58	26	3,497	1,646	362	5,531	5,589	5,067	15,093	326	719	5,393	15,812	196
	C ...	1	2	14	1	...	17	18	...	...	...	...	...	...	...
	Total ...	69	75	3,590	1,678	372	5,715	5,784	5,194	15,494	372	929	5,566	16,423	200

ANNUAL FORM No. 52.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Register of Breaches of Forest Rules during 1892-93.

Forest Division.		Cases pending from 1892-93.	New cases of the year.					Total cases	Disposed of during the year.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Mandla	A...	1	...	7	...	16	23	24	20	71	4	19	24	90	...
	B...	...	3	170	93	46	312	312	305	973	...	...	305	973	7
	C...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
		1	3	177	93	62	335	336	325	1,044	4	19	329	1,063	7
Jubbulpore	A...	...	...	14	2	3	19	19	8	10	11	14	19	24	...
	B..	2	...	92	81	48	221	223	182	458	39	62	221	520	2
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		2	...	106	83	51	240	242	190	468	50	76	240	544	2
Damoh	A...	...	...	9	...	...	9	9	9	17	...	...	9	17	...
	B...	...	...	287	106	...	393	393	393	962	...	...	393	962	...
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	296	106	...	402	402	402	979	...	...	402	979	...
Saugor	A...	8	16	36	18	4	74	82	64	119	18	33	82	152	...
	B...	157	...	400	383	113	896	1,093	882	2,300	49	166	931	2,466	122
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		165	16	436	401	117	970	1,135	946	2,419	67	199	1,013	2,618	122
Narsinghpur	A...	2	2	6	...	...	8	10	7	11	2	5	9	16	1
	B...	...	...	95	23	...	118	118	113	344	...	...	118	344	...
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		2	2	101	23	...	126	128	125	355	2	5	127	360	1

Hoshangabad ...	A...	...	3	...	3	...	6	6	5	14	...	...	5	14	1
	B.	3	11	78	34	2	125	128	114	287	11	60	125	347	3
	C...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
		3	14	78	37	2	131	134	119	301	11	60	130	361	4
Betul ...	A...	...	5	2	...	1	8	8	8	21	...	...	8	21	...
	B...	...	2	257	60	23	342	342	337	981	...	...	337	981	5
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	7	259	60	24	350	350	345	1,002	...	...	345	1,002	5
Nimar ...	A...	1	1	1	1	...	3	4	4	4	...	...	4	4	...
	B...	10	4	144	117	8	273	283	283	485	...	...	283	485	...
	C...	...	...	...	1	...	1	1	...	...	1	...	1	...	...
		11	5	145	119	8	277	288	287	489	1	...	288	489	...
Total for Northern Circle	A...	12	27	75	24	24	150	162	125	267	35	71	160	338	2
	B...	172	20	1,523	897	240	2,680	2,852	2,614	6,790	99	288	2,713	7,078	139
	C...	...	...	...	1	...	1	1		...	1	...	1	...	...
Total ...		184	47	1,598	922	264	2,831	3,015	2,739	7,057	135	359	2,874	7,416	141
GRAND TOTAL FOR C. P.	A...	22	74	154	55	34	317	339	252	668	81	281	333	949	6
	B...	230	46	5,020	2,543	602	8,211	8,441	7,681	21,883	425	1,007	8,106	22,890	335
	C...	1	2	14	2	...	18	19	...	...	1	...	1	...	...
Total ...		253	122	5,188	2,600	636	8,546	8,799	7,935	22,551	507	1,288	8,440	23,839	341

N. B.—A.—Means cases taken into Court.
B.—Means cases disposed of under Section 67 of Indian Forest Act, 1878.
C.—Means undetected cases.

ANNUAL FORM No. 53.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Forest Tracts protected from fire during 1892-93.

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1891-92.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
1	2	3	4	5	6	7	8	9
Southern Circle.			Acres.	Acres.	Acres.	Acres.	Rs. a. p.	
Balaghat ...	Pandratola	1872	4,817	4,817	...	4,817	111 10 11	
	Amoli Block	1888	160	160	...	160	22 14 3	
	Do. do.	1889	40	40	...	40		
	Do. do.	1890	809	809	...	809		
	Salebhurri Block	1890	4,017	4,047	...	4,047	90 1 0	
	Mân Block (portion) ...	1891	22,906	22,906	3	22,903	331 2 8	
	Uskal do.	1889	59,520	59,520	...	59,520	666 13 10	
	Rupjhar do.	1890	27,838	28,800	...	28,800	320 2 6	
	Sonawani Range	1889	52,510	52,520	13	52,507	796 14 10	
	Bhandamurri Block... ...	1890	9,723	9,723	...	9,723	147 7 0	
	Total ...		1,82,340	1,83,342	16	1,83,326	2,487 3 0	
Bhandara ...	Gaikhurri Reserve	1888	75,042	76,092	35	76,057	756 2 0	
	Dudhara do.	1886	10,044	10,044	...	10,044	179 8 0	
	Total ...		85,086	8,6136	35	86,101	935 10 0	
Bilaspur ...	Lormi (Southern part) ...	1892	1,61,013	2,01,013	1,875	1,99,138	1,598 0 0	
	Dorki	1890	450	450	...	450	25 0 0	
	Bitkuli	1888	22,655	33,155	...	33,155	635 0 0	
	Chita Pandaria	1890	...	2,207	...	2,207	131 0 0	
	Sonakhan (Hathibari Block) ...	1870	2,123	2,123	...	2,123	1,149 0 0	
	Do. (Remainder) ..	1888	55,737	69,737	5,100	64,637		
	Total ...		2,41,978	3,08,685	6,975	3,01,710	3,538 0 0	

Chanda	Bhimarum	1873	6,467	6,467	...	6,467	1,199 10 6		
	Do.	1875	5,829	5,829	...	5,829			
	Do.	1888	18,573	18,573	...	18,573			
	Mirkalloo	1875	5,268	5,268	...	5,268	966 15 11		
	Do.	1876	3,211	3,211	...	3,211			
	Do.	1888	5,037	5,037	...	5,037			
	Elchil	1888	28,603	28,603	...	28,603	1,257 9 11		
	Do. (Extension)	1891	8,378	8,378	...	8,378			
	Muchli	1891	9,303	9,303	...	9,303	815 14 8		
	Do. (Extension)	1892	15,552	15,552	...	15,552			
	Taroba	1873	22,400	22,400	...	22,400	1,129 1 8		
	Do.	1876	3,219	3,219	...	3,219			
	Goverdhan	1874	6,720	6,720	...	6,720	736 13 10		
	Do.	1875	7,097	7,097	...	7,097			
	Do.	1879	114	114	...	114			
	Pipalkhot (Part)	1882	16,423	16,423	...	16,423	623 6 0		
	Dada Mian	1889	20,998	20,998	...	20,998	456 3 4		
	Kharwa	1889	17,010	17,010	...	17,010	614 10 0		
	Upasha	1890	17,300	17,300	...	17,300	645 2 11		
	Do. (Extension)	1892	4,800	4,800	...	4,800			
	Agerjhari	1891	9,095	9,095	...	9,095	356 14 11		
	Bheokund	1889	23,381	23,381	..	23,381	1,224 5 8		
	Ganpur	1890	26,49½	26,500	...	26,500	1,021 9 11		
	Dewai	1891	24,625	24,625	...	24,625	728 4 2		
	Lohara Hill, B. Class	1888	1,831	1,831	...	1,831	156 3 6		
	Do. (Extension)	1890	1,355	1,500	...	1,500			
	Haveli Range, Janona	1891	45,495	45,495	10	45,485	1,711 12 2		
	Do. Adari	1892	12,900	12,900	...	12,900	757 8 3		
	Do. do. (Extension)	1893	...	7,695	...	7,695			
	Total		3,67,477½	3,75,324	10	3,75,314	14,402 3 4		
Chhindwara	Jothi Khappa	1879	8,240	8,240	...	8,240	122 13 7		
	Sileywani Ghat (Kudbeli)	1890	17,711	18,000	...	18,000	336 8 10		
	Total		25,951	26,240	...	26,240	459 6 5		
Nagpur	Sylari Khappa	1875	42,580	42,580	...	42,580	524 3 5		
	Nagalwari Block	1878	9,680	9,680	...	9,680	209 14 8		
	Nurhur Reserve	1881	30,800	30,800	...	30,800	394 10 9		
	Khairi do.	1889	1,800	1,800	...	1,800	140 14 10		
	Total		84,860	84,860	...	84,860	1,269 11 8		
Wardha	Erjhar Reserve	1880	10,671	11,911	...	11,911	205 15 5		
	Dhugga do.	1888	14,171	14,171	...	14,171	376 13 0		
	Malaigaon do.	1888	6,590	6,590	...	6,590	252 0 0		
	Total		31,432	32,672	...	32,672	834 12 5		

ANNUAL FORM No. 53.—[*Prescribed.*]— (Concld.)

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1891-92.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs. a. p.	
Raipur ...	Kuntranala	1876	3,548	3,548	948	2,600	140 0 0	
	Do.	1889	292	292	...	292	12 0 0	
	Rajoli Block	1889	3,200	7,680	800	6,880	377 4 0	
	Ranikhole do.	1889	8,960	8,960	1,065	7,895	304 4 10	
	Girghole Rohasi Block ..	1890	2,560	2,560	...	2,560	156 7 0	
	Sirpur do. ...	1890	2,346	7,040	884	6,156	285 15 1	
	Banjari do. ..	1890	640	640	20	620	33 14 1	
	Kongeraghotgaon do. ...	1890	27,405	27,520	1,900	25,620	648 4 3	
	Bokramundi do. ...	1891	3,840	3,840	...	3,840	202 10 6	
	Total ..		52,791	62,080	5,617	56,463	2,160 11 9	
Sambalpur ...	Kulchur Forests (Part) ..	1891	9,898	10,137	2	10,135	394 15 2	
	Do. do. (Remainder) ...	1893	...	4,480	...	4,480		
	Patarpani Block	1892	3,923	15,360	944	14,416	244 7 4	
	Total ...		13,821	29,977	946	29,031	639 6 6	
Seoni ...	Korai Range, Korai Block ...	1869	31,210	31,210	...	31,210	590 0 0	
	Do. Sakata ...	1880	10,020	10,020	...	10,020	188 0 0	
	Do. Oomergarh ..	1888	10,080	10,080	...	10,080	192 0 0	
	Do. Rukhur ..	1889	2,240	2,240	...	2,240	45 0 0	
	Do. Agree ...	1891	12,660	12,660	...	12,660	240 0 0	
	Do. Nehelsurra ...	1892	7,700	7,700	...	7,700	145 0 0	
	Do. Raya Rao (Part) ...	1893	...	4,000	...	4,000	77 0 0	
	Gangeynalla Range, Umbara Block ...	1888	26,400	39,200	...	39,200	364 0 0	
	Khumba do. ..	1891	18,236	18,240	...	18,240	170 0 0	
	Oogly Range, Oolut Beharry ..	1889	2,530	3,350	...	3,350	47 14 0	
	Total ...		1,21,076	1,38,700	...	1,38,700	2,058 14 0	
	TOTAL FOR SOUTHERN CIRCLE ...		12,06,812½	13,28,016	13,599	13,14,417	28,785 15 1	

ANNUAL FORM No. 53.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area of Forest Tracts protected from fire during the dry Season 1893, to accompany Report for 1892-93.

Division.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1892.	During dry season of 1893.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs.	
Mandla ..	Bunjar Valley Forests	1876 ...	49,724	49,724	4	49,720		
	Do. do.	1888 ...	467	467	...	467	1,179	
	Do. do.	1889 ...	10,413	10,413	...	10,413		
	Do. do.	1890 ...	17,280	17,280	...	17,280		
	Motinala	1875 ...	1,658	1,658	...	1,658	943	
	Do.	1889 ...	4,000	4,000	5	3,995		
	Jagmandal	1867 ...	24,497	24,503	...	24,503	1,025	
	Choharigogarh	1872 ...	1,660	1,660	...	1,660	132	
	Airi	1867 ..	2,150	2,150	...	2,150	66	
	Popla	1867 ...	45,506	45,506	2	45,504	764	
	Keoli Khapa	1889 ...	6,296	6,296	..	6,296	24	
	South Phen	1889 ...	45,007	45,957	...	45,957	426	
	North Phen	1890 ...	6,435	6,435	...	6,435	189	
	Mandla Range	1893 ..	...	55,183	106	55,077	...	
	Jagmandal do.	1893 ..	...	14,975	47	14,928	...	
	Banjar do.	1893 ...	...	8,436	1	8,435	...	
	Motinala do.	1893 ...	...	10,036	46	9,990	...	
	Dindori do.	1893 ...	...	58,549	3	58,546	...	
	Shahpura do.	1893 ...	...	46,032	10	46,022	...	
	Total ...	...	2,15,093	4,09,260	224	4,09,036	4,748	
Jubbulpore ...	Lower Gour Reserve	1892 ..	5,517	5,517	...	5,517	517	
	Bijeraghogarh do.	1871 ...	21,188	21,188	...	21,188	841	
	Sonepur A. & B. Forests	1889 ...	22,396	22,413	...	22,413	961	
	Barela Reserve	1878 ...	8,212	8,212	...	8,212	472	
	Jubbulpore	1893 ...	...	23,659	...	23,659	...	
	Dhanwahi	1893 ...	...	22,039	...	22,039	...	
	Sihora	1893 ...	...	26,149	...	26,149	...	
	Murwara	1893 ...	...	35,458	...	35,458	...	
	Burgee	1893 ...	...	17,010	...	17,010	...	
	Total ...	...	57,313	1,81,645	...	1,81,645	2,790	

ANNUAL FORM No. 53.—[*Prescribed.*]—(Contd).

Division.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1892.	During dry season of 1893.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs.	
Damoh ...	Singrampur	1871 ...	6,555	6,555	70	6,485	201	
	Madiadoh	1865 ...	193	193	...	193	...	
	Badyakhera	1878 ...	694	694	...	694	...	
	Singhpur	1875 ...	1,525	1,525	15	1,510	...	
	Sehree	1878 ..	1,056	1,056	...	1,056	...	
	Bansipur	1878 ...	1,452	1,452	968	484	...	
	Dhudia Tendni Madho	1878 ...	...	13,073	...	13,073	...	
	Phular	1878 ...	826	826	40	786	...	
	Southern Range	1893 ...	...	56,993	...	56,993	...	
	Northern do.	1893 ...	...	57,445	...	57,445	...	
	Central do.	1893 ...	...	57,227	...	57,227	...	
	Total ...	...	12,301	1,97,039	1,093	1,95,946	201	
Saugor ...	Garhakota	1875 ...	2,727	2,727	172	2,555	...	
	Tigora	1879 ...	559	559	7	552	...	
	Ranipura	1879 ...	7,909	7,909	...	7,909	...	
	Hathkho	1875 ...	19,492	19,492	...	19,492	...	
	Rangir	1875 ...	10,979	10,979	...	10,979	...	
	Jalandher	1880 ...	2,885	2,885	...	2,885	...	
	Hiranpur Bassa	1886 ...	1,485	1,485	...	1,485	...	
	Detail not known	...	...	6,444	47	6,397	...	
	Bunda	1893 ...	...	14,976	...	14,976	...	
	Rehli	1893 ...	...	23,282	...	23,282	...	
	Saugor	1893 ...	...	14,061	...	14,061	...	
	Khurai	1893 ...	...	13,142	...	13,142	...	
	Total ...	...	46,036	1,17,941	226	1,17,715	763	

Narsinghpur	Saleh Chowka		1889	19,050	19,200		19,200		140
	Choriagarh		1890	1,000	1,000		1,000		47
	Rajgarha		1889	1,280	1,280		1,280		32
	Rachai		1893	...	28,469	55	28,414		
	Shrinagar		1893	...	10,635		10,635		62
	Kheri		1893	...	15,225		15,225		
	Richai		1893	...	9,980		9,980		
		Total	.....	21,330	85,789	55	85,734		281
Hoshangabad	Machak		1875	12,800	12,800		12,800		
	Ganjal		1875	54,080	54,080		54,080		1,842
	Ajnal		1875	49,280	49,280		49,280		
	Do.		1892	3,200	3,200		3,200		
	Golai		1874	69,440	69,440		69,440		
	Do.		1890	5,120	5,120		5,120		681
	Do.		1892	4,830	4,830		4,830		
	Dhekna		1875	7,590	7,590		7,590		289
	Labee		1883	3,444	3,444		3,444		
	Bori		1864	23,680	23,680		23,680		796
	Dhain		1879	16,000	16,000		16,000		
	Malni		1892	1,26,005	1,26,005		1,26,005		239
	Sohagpur		1893	...	60,538		60,538	...	
	Hoshangabad		1893	...	43,194		43,194	...	
	Seoni		1893	...	45,541		45,541	...	
	Harda		1893	...	12,543		12,543	...	
		Total	..	3,75,469	5,37,285		5,37,285		3,847
Betul	Sarni Silwani		1880	1,760	1,920		1,920		322
	Burrethaghat		1889	3,200	3,200		3,200	...	
	Bhowergarh		1875	38,620	38,720		38,720		1,128
	Nanda, Raipur, Ghana		1875	14,730	16,000		16,000	...	
	Bandi Kabripathar		1893	...	1,920		1,920	...	
	Ranikote and Gurjandol		1875	320	900		900	...	
	Dharji Burt		1893	...	1,200		1,200		522
	Tokra		1875	27,916	27,916		27,916	...	
	Phoplia		1880	10,880	15,641		15,641	...	
	Dhekna		1875	42,330	42,330		42,330		1,066
	Bhowergarh		1893	...	51,460		51,460	...	
	Asir		1893	...	1,43,810		1,43,810	...	
	Tapti		1893	...	1,800		1,800	...	
	Ranipur		1893	...	4,500		4,500	...	
	Dabka		1893	...	1,950		1,950	...	
	Gaonligarh		1893	...	1,200		1,200	...	
		Total	...	1,39,756	3,54,467		3,54,467		3,038

ANNUAL FORM No. 53.—[*Prescribed.*]—(Concld).

Division.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1892.	During dry season of 1893.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs. a. p.	
Nimar ...	Punasa Block No. I	1875 ...	7,680	7,680	...	7,680		
	Do. do. II	1875 ...	9,420	9,720	...	9,720		
	Do. do. III	1875 ...	6,680	6,680	...	6,680		
	Do. do. IV	1875 ...	5,760	9,840	2,400	7,440		
	Do. do. V	1875 ...	9,600	9,600	...	9,600		
	Do. do. VI	1877 ..	10,880	10,880	...	10,880	1,403 0 0	
	Do. do. VII	1879 ...	9,180	9,180	..	9,180		
	Do. do. VIII	1880 ...	8,320	8 500	...	8,500		
	Do. do. IX	1881 ..	8,640	8,960	...	8,960		
	Do do. X	1882 ..	10,430	10,680	220	10,460		
	Chandgarh	1878 ...	59,240	61,440	240	61,200	1,355 0 0	
	Ajnal	1879 ...	1,237	1,237	...	1,237	22 0 0	
	Bainpura	1879 ...	600	600	...	600	24 0 0	
	Charia	1880 ...	170	170	...	170	...	
	Ganjari	1879 ..	3,500	3,500	...	3,500	43 0 0	
	Kirgaon Reserve	1878 ...	35,565	35,840	97	35,743	658 0 0	
	Undria Baoria	1879 ...	3,100	3,100	...	3,100	54 0 0	
	Bhojwa Beheria	1879 ...	2,000	2.000	...	2,000	47 0 0	
	Mandwa Reserve	1890 ...	39,410	44,826	803	44,023	1,251 0 0	
	Arakhera Block	1890 ...	35,864	37,104	...	37,104	427 0 0	
	Punasa	1893 ...	..	27,097	...	27,097	...	
	Khandwa	1893 ..	...	24,853	...	24,853	...	
	Burhanpur	1893 ...	...	60,708	...	60,708	...	
	Total ...	...	2,67,276	3,94,195	3,760	3,90,435	5,284 0 0	
	TOTAL FOR NORTHERN CIRCLE ...	...	11,34,574	22,77,621	5,358	22,72,263	20,952 0 0	
	GRAND TOTAL FOR C. P. ...	...	23,41,336½	36,05,637	18,957	35,86,680	49,737 15 1	

FORM No. 54.

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area closed and open to grazing during 1892-93.

Division.	Area in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
	Square miles.	Square miles.	Square miles	Square miles.	Square miles.	Square miles.	
Reserved Forests.							
Balaghat	170	...	560	...	285	1,015	
Bhandara	40	2	282	...	227	551	
Bilaspur	42	...	606	...	...	648	
Chanda	459	25	107	...	2,789	3,380	
Chhindwara	14	28	163	...	501	706	
Nagpur	145	...	48	...	326	519	
Wardha	29	...	171	...	...	200	
Raipur	83	47	...	649	606	1,385	
Sambalpur	1	...	47	...	346	394	
Seoni	178	38	505	...	...	721	
Total ..	1,161	140	2,489	649	5,080	9,519	
Unclassed Forests.							
Balaghat	...	...	...	...	97	97	
Bhandara	...	...	...	...	...	...	
Bilaspur	...	...	...	...	...	...	
Chanda	...	...	...	...	23	23	
Chhindwara	...	...	...	...	1	1	
Nagpur	1	...	...	...	4	5	
Wardha	...	...	...	...	...	...	
Raipur	...	...	...	...	...	...	
Sambalpur	...	...	...	...	...	...	
Seoni	...	...	244	...	...	244	
Total ..	1	...	244	...	125	370	
TOTAL FOR SOUTHERN CIRCLE ...	1,162	140	2,733	649	5,205	9,889	

ANNUAL FORM No. 54.

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area closed and open to grazing during 1892-93.

Division.	Area in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
Mandla	291	...	302	...	2,223	2,816	
Jubbulpore	63	...	232	...	261	556	
Damoh	57	...	268	...	523	848	
Saugor	49	3	135	3	565	755	
Narsinghpur	12	7	100	...	143	262	
Hoshangabad	263	...	253	...	1,291	1,807	
Betul	110	...	324	...	838	1,272	
Nimar	79	...	1,146	...	583	1,808	
TOTAL FOR NORTHERN CIRCLE ...	924	10	2,760	3	6,427	10,124	
GRAND TOTAL FOR C. P. ...	2,086	150	5,493	652	11,632	20,013	

Form No. 55.

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Return of grazing in the State Forests during 1892-93.

Division.	Grazing on payment.							Grand total of value at full rates.
	At full rates.						Total value of fees at full rates.	
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Fees received.		
1	2	3	4	5	6	7	8	9
						Rs.	Rs.	Rs.
Balaghat	13,786	1,24,366	10,037	...	454	26,231	26,231	26,231
Bhandara	6,261	72,652	11,856	...	10	16,689	16,689	16,689
Bilaspur	3,963	28,043	8	...	142	4,577	4,577	4,577
Chanda	60,510	4,16,919	2,15,975	...	3	72,298	72,298	72,298
Chhindwara	12,463	1,28,992	18,597	...	78	29,849	29,849	29,849
Nagpur	4,959	68,809	23,274	9	2	17,304	17,304	17,304
Wardha	9,139	56,825	219	...	4	17,930	17,930	17,930
Raipur	13,959	1,29,428	2,711	...	50	21,281	21,281	21,281
Sambalpur	4,513	24,856	1,443	...	...	3,138	3,138	3,138
Seoni	24,446	1,89,215	6,930	...	20	39,520	39,520	39,520
Total for Southern Circle ...	1,53,999	12,40,105	2,91,050	9	763	2,48,817	2,48,817	2,48,817

ANNUAL FORM No. 55.—[*Prescribed*].

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Return of grazing in the State Forests during 1892-93.

Division.	Grazing on payment.							Grand total of value at full rates.
	At full rates.						Total value of fees at full rates.	
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Fees received.		
1	2	3	4	5	6	7	8	9
						Rs.	Rs.	Rs.
Mandla	41,545	2,96,219	8,190	23	71	62,225	62,225	62,225
Jubbulpore	17,872	1,10,600	10,593	...	43	26,588	26,588	26,588
Damoh	35,995	1,57,566	20,784	1	1	37,653	37,653	37,653
Saugor	40,405	1,55,644	18,639	2	738	38,574	38,574	38,574
Narsinghpur	6,833	35,941	1,467	...	...	9,939	9,939	9,939
Hoshangabad	18,148	92,520	11,078	1	181	26,264	26,264	26,264
Betul	16,169	1,17,461	7,012	17	82	29,948	29,948	29,948
Nimar	30,281	97,308	6,395	53	117	36,158	36,158	36,158
TOTAL FOR NORTHERN CIRCLE ..	2,07,248	10,63,259	84,158	97	1,233	2,67,349	2,67,349	2,67,349
GRAND TOTAL FOR CENTRAL PROVINCES ...	3,61,247	23,03,364	3,75,208	106	1,996	5,16,166	5,16,166	5,16,166

ANNUAL FORM No. 56.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Plantations, 1892-93.

Division.	Name of Plantation.	Area in acres. On 1st April 1892.	Area in acres. Added during the year.	Area in acres. Excluded during the year.	Area in acres. Area on 30th June 1893.	Receipts of the year.	Charges of the year.	Remarks.
1	2	3	4	5	6	7	8	9
	Regular Plantations.					Rs.	Rs.	
	Cultural Operations.							
Balaghat ...	...	...	...	...	...	...	...	
	Total ...	...	...	...	...	...	...	
Bhandara ...	Kitari	5	...	...	5	...	193	Various species.
	Total ...	5	...	...	5	...	193	
Bilaspur ...	Tin Bhawria	...	3	...	3	...	11	Teak, Sâj and Bijasal.
	Total ...	...	3	...	3	...	11	
Chanda ...	Nimsara	...	5	...	5	...	4	Acacia Arabica.
	Ambya Vagur	...	1	...	1	...	9	Experimental sandal-wood.
	Taroba	...	2	...	2	...	2	Experimental sandal-wood.
	Patanil	...	1	...	1	...	5	Experimental sandal-wood.
	Total ...	...	9	...	9	...	20	
Chhindwara ...	...	...	...	...	...	...	...	
	Total ...	...	...	...	...	...	...	
Nagpur ...	Kutta	2	...	...	2	...	11	Various species.
	Total ...	2	...	...	2	...	11	
Wardha ...	...	...	...	...	...	...	...	
	Total ...	...	...	...	...	...	...	

ANNUAL FORM No. 56.—[*Prescribed.*]—Concld.

Division.	Name of Plantation.	Area in acres. On 1st April 1892.	Area in acres. Added during the year.	Area in acres. Excluded during the year.	Area in acres. Area on 30th June 1893.	Receipts of the year.	Charges of the year.	Remarks.
1	2	3	4	5	6	7	8	9
Raipur ...	Girghole Rohasi ...	2	...	...	2	...	30	Teak (protection.)
	Belpura	...	1	...	1	...	4	Bamboo (preparing nurseries.)
	Kantranala	4	...	...	4	...	...	Bamboo.
	Dumartalai	196	...	...	196	...	...	Various species.
	Khamtarai	3	3	...	6	...	61	Teak (protection and planting.)
	Mahmaidhap	5	...	...	5	...	55	„ (protection and transplanting).
	Lohardih	2	...	...	2	...	56	„ Do. do.
	Sondur	5	5	...	10	...	59	„ Do. planting.
	Kongera	1	...	...	1	...	14	Bamboo (protection.)
	Amurinala	2	...	...	2	...	56	„ (watching and watering.)
	Magardaha and Thodakasa ...	5	1	..	6	...	98	Teak (protection and planting.)
	Madwapathra	...	4	...	4	...	61	„ (planting.)
	Munneguda	...	5	...	5	...	57	„ Do.
	Jagtaradih	...	3	...	3	..	71	Various species (planting and fencing.)
	Total ...	225	22	...	247	...	622	
Sambalpur ...	...	...	...	...	...	...	...	
	Total ...	...	...	...	...	...	...	
Seoni ...	Raya Rao	...	1	...	1	...	10	Teak (sowing).
	Suranjee	...	10	...	10	...	} 37	Teak, Sâj, Bija and Khamair (sowing).
	Peeverthuda	...	10	...	10	...		
	Katangi Rathe	...	6	...	6	...		
	Oolut Beharry	...	10	...	10	...	24	Teak, Sâj and Bija (sowing).
	Total ..	...	37	...	37	...	71	
	TOTAL FOR SOUTHERN CIRCLE ...	232	71	...	303	...	928	

ANNUAL FORM No. 56.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area of Plantations, 1892-93.

Division.	Name of Plantation.	Area in acres. On 1st April 1892.	Area in acres. Added during the year.	Area in acres. Excluded during the year.	Area in acres. Area on 30th June 1893.	Receipts of the year.	Charges of the year.	Remarks.
1	2	3	4	5	6	7	8	9
							Rs. a. p.	
Damoh ...	Kishoan Talao ...	34	...	...	34	...	201 13 6	
Saugor ...	Garhakota teak plantations ...	20	...	...	20	...	281 0 0	
Hoshangabad ...	Rajaborari ... Ajnal ...	138	...	...	138	...	...	
	Rajaborari ... Ganjal ...	165	...	...	165	...	...	
	Rajaborari ... Machak ...	191	...	...	191	...	...	
	Saonligarh ... Dekhna ...	214	...	...	214	...	...	
	Saonligarh ... Tokra ...	11	...	...	11	...	...	
	Bori ... Joli ...	24	...	...	24	...	...	
	TOTAL FOR NORTHERN CIRCLE ...	797	...	...	797	...	482 13 6	
	GRAND TOTAL FOR C. P. ...	1,029	71	...	1,100	...	1,410 13 6	

FORM

FOREST DEPARTMENT,

Outturn (in cubic feet, solid) of Timber and Fuel

Division.	Timber in the rough—Logs.					Timber in the rough—Poles.					Sawn	
	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.
	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
											SOUTHERN	
I.—Reserved Forests.												
Balaghat ...	21	77	...	...	98	616	13,414	...	...	14,030	...	...
Bhandara ...	2,597	...	...	...	2,597	21,525	133,300	...	...	154,825	...	...
Bilaspur ...	616	...	...	...	616	6,822	91,201	...	...	98,023	...	...
Chanda ...	40,722	2,983	...	...	43,705	1,233	424,318	...	...	425,551	...	...
Chhindwara ...	...	196	...	...	196	...	28,668	...	...	28,668	...	...
Nagpur-Wardha.	1,500	...	...	...	1,500	14,418	95,395	...	...	109,813	...	14
Raipur ...	...	...	...	...	...	9,317	234,338	...	...	243,655	338	...
Sambalpur ...	...	...	...	...	...	...	50,518	...	...	50,518	...	...
Seoni ..	...	35	...	...	35	...	111,792	...	...	111,792	...	...
TOTAL FOR SOUTHERN CIRCLE ...	45,456	3,291	...	...	48,747	53,931	1,182,944	...	...	1,236,875	338	14
											NORTHERN	
I.—Reserved Forests.												
Mandla ...	...	...	...	...	...	72,133	106,965	...	...	179,098	...	...
Jubbulpore ...	...	...	...	...	...	29,772	18,200	...	...	47,972	...	...
Damoh ..	...	...	...	...	...	2,785	26,436	...	...	29,221	...	...
Saugor ...	...	15	...	...	15	20,110	17,301	...	...	37,411	...	...
Narsinghpur ...	...	...	...	...	...	17,946	11,494	...	...	29,440	...	...
Betul ...	...	37,680	...	...	37,680	24,600	39,772	...	...	64,372	...	...
Hoshangabad ...	...	34,927	...	...	34,927	16,960	196,272	...	...	213,232	...	...
Nimar ...	...	...	...	...	...	4,047	33,864	...	...	37,911	...	...
TOTAL FOR NORTHEN CIRCLE.	...	72,622	...	...	72,622	188,353	450,304	...	...	638,657	...	...
GRAND TOTAL FOR C. P.	45,456	75,913	...	...	121,369	242,284	633,248	...	...	1,875,532	338	14

NOTE.—Bamboos removed during the year :—

	No.
By Departmental agency ...	108,715
By consumers and purchasers ...	11,957,387
Total Bamboos, Southern Circle ...	12,066,102

Charcoal should be shown by its equivalent in fuel, the quantity of wood

NOTE.—Bamboos removed

By Departmental
By consumers and
By free grants

No. 57.

CENTRAL PROVINCES.

during the year 1892-93 and Agency of Exploitation.

or squared—Timber.			Miscellaneous.					Fuel.					Total Outturn.
Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	
c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
CIRCLE.													
...	..	...	...	...	...	...	...	34,771	638,539	...	...	673,310	687,438
...	..	...	...	...	...	.	...	136,530	823,540	...	...	959,870	1,117,292
...	..	...	10	1,056	...	...	1,066	17,951	128,632	...	...	146,583	246,288
...	...	...	23,864	28,911	...	...	52,775	..	1,676,140	...	...	1,676,140	2,198,171
...	...	...	..	15,939	...	...	15,939	...	195,029	...	...	195,029	239,832
...	...	14	44	252	...	...	296	130,522	458,021	...	...	588,543	700,166
...	...	338	1,701	...	...	...	1,701	...	838,372	...	...	838,372	1,084,066
...	...	...	...	...	...	...	..	...	401,219	...	...	401,219	451,737
..	...	...	...	...	...	...	...	...	929,477	...	...	929,477	1,041,304
...	...	352	25,619	46,158	...	...	71,777	319,774	6,088,769	...	...	6,408,543	7,766,294
CIRCLE.													
...	...	...	23	9,732	...	...	9,755	172,338	39,598	...	...	211,936	400,789
...	...	...	...	19	...	...	19	153,126	253,465	...	...	406,591	454,582
...	...	...	...	45,717	...	...	45,717	166,812	422,878	...	...	589,690	664,628
...	...	...	..	1,016	...	...	1,016	78,132	273,884	...	...	352,016	390,458
...	...	...	...	...	...	...	...	166,674	203,638	...	..	370,312	399,752
...	...	...	...	...	...	...	...	25,711	184,338	...	...	210,049	312,101
...	...	...	...	27,459	...	...	27,459	...	687,139	...	...	687,139	962,757
...	...	...	3	135,312	...	...	135,315	54,192	1,073,110	...	...	1,127,302	1,300,528
...	...	...	26	219,255	...	...	219,281	816,985	3,138,050	...	...	3,955,035	4,885,595
...	...	352	25,645	265,413	...	...	291,058	1,136,759	9,226,819	...	...	10,363,578	12,651,889

Karkas removed during the year :— No.
By Departmental agency 6,960
By consumers and purchasers 2,310,765

Total Karkas, Southern Circle ...2,317,725

Bamboo materials removed during the year :— No.
By consumers and purchasers 17,155

consumed in producing it being entered in cubic feet, solid.

during the year :—

			No.
agency	...	..	29,570
purchasers	...	...	7,836,131
...	...	...	

Total Bamboos, Northern Circle... 7,865,701

ANNUAL FORM No. 58.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Outturn of Minor Forest Produce during the Forest year 1892-93.

Division.	Description of Produce.		Produce removed or utilized										Remarks.
			By Government agency		By purchasers		By free grant		By right-holder.		Total.		
			Quantity	Value	Quantity.	Value	Quantity.	Value	Quantity	Value.	Quantity	Value	
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs		Rs.	
Direction ...	Miscellaneous	Tons.		60	...	.	...	...	..	...	...	60	
Balaghat ...	Grazing buffaloes	No.	...	.	13,786	4,566	.	...		...	13,786	4,566	
	Do. cows and bullocks .	„	...	...	1,24,366	20,145	...	.	..	...	1,24,366	20,145	
	Do. goats	„	...	...	10,037	788	...	...	...	...	10,037	788	
	Do. sheep	„	...	.	...			...	..	..	...	...	
	Do other animals ...	„	...	...	454	732	.	..	.	...	454	732	
	Grass	Tons.	6	13	2,272	1,543	...	...	..	...	2,278	1,556	
	Do. bir	Contract	...	...	...	2,287	...	...	...	...	...	2,287	
	Fruits and flowers ...	Tons.	...	...	292	671	...	...	...	...	292	671	
	Do do.	Contract	...	...	...	66	...	.	..	...	...	66	
	Duty on do. (Mohwa) from Agriculturists . ..	Houses.	...	...	7,434	1,754	...	..	...	...	7,434	1,754	
	Do. do. do. from non-Agriculturists	„	..	...	7,132	1,236		...	...	...	7,132	1,236	
	Hurra (Myrabolam) ...	Tons	104	...	1	56	...	.	...	...	105	56	
	Do. (do.)	Contract	.	..	...	10		...	...	...	..	10	
	Skins and horns	Tons.	...	..	1	20	...	...	.	...	1	20	
	Mineral products	„	...	...	185	193	...	...	...	...	185	193	
	Miscellaneous products ...	„	..	...	621	947	...	...	...	...	621	947	
	Other minor forest produce ...	Contract.		.	. .	1,105	...		...	...	...	1,105	
	Total ..		...	13	...	36,119	...	...	...	...	..	36,132	
Bhandara ...	Grazing buffaloes	No.	..	.	6,261	2,353	...	...		...	6,261	2,353	
	Do. cows and bullocks	„	...	...	72,652	13,606	..	..	...	...	7·,652	13,606	
	Do. goats	„	..	...	5,486	429	.	..	...	...	5,486	429	
	Do. sheep	„	...	...	6,370	299	...		...	...	6,370	299	
	Do. other animals ...	„	...	...	10	2	.	...	...	...	10	2	

	Grass ...	...	Tons.	...	...	8,665	4,981	..	...	...	...	8,665	4,981
	Do. bir ...	...	Contract.	...	...	...	1,108	...	...	...	...	...	1,108
	Fruits and flowers ...	...	Tons	...	...	1	17	...	...	...	...	1	17
	Skins and horns ...	...	Contract.	...	...	...	2,128	...	..	...	...	...	2,128
	Mineral products ...	...	Tons.	...	...	31	21	...	...	...	...	31	21
	Miscellaneous products	...	,,	..	.	800	1,084	...	...	...	...	800	1,084
	Other minor forest produce	...	Contract.	...	.	...	2,441	...	...	...	...	...	2,441
			Total ..	...	...	...	28,469	...	...	..	...	...	28,469
Bilaspur ...	Grazing buffaloes ...	...	No	...	...	3,963	1,008	...	...	...	...	3,963	1,008
	Do. cows and bullocks	...	,,	...	...	28,043	3,534	...	...	...	...	28,043	3,534
	Do. goats ...	...	,,	..	...	6	1	...	.	..	..	6	1
	Do. sheep ...	...	,,	...	...	2	...	...	...	...	...	2	..
	Do. other animals	..	,,	.	...	142	34		...	...	..	142	34
	Grass ...	...	Tons.	...	...	3,876	13,593	...	...	..	...	3,876	13,593
	Do. bir ...	...	Contract.	...	...	...	3,000		...	...	...	...	3,000
	Fruits and flowers ...	...	Tons.	3	4	10	15	...	..	.	...	13	19
	Do. do. ...	...	Contract.	...	...	...	410		...	...	. .	...	410
	Hides and horns ...	...	Tons.	1	4	2	8	...	...	...	...	3	12
	Do. do. ...	...	Contract.	.	...	..	21	.	..	...	...	...	21
	Hurra (Myrabolam) ..	...	Tons.		3	...	...	...	...	.	..	...	3
	Do. do. ...	.	Contract.	...	...	...	26	...	...	..	...	...	26
	Lac ...	...	Tons.	1	15	14	69	.	...	...	...	15	84
	Miscellaneous products	...	,,	...	.	148	151	...	...	...	...	148	151
			Total ...	...	26	...	21,870	...	...	...	...	...	21,896
Chanda ...	Grazing buffaloes ..	...	No.	...	...	60,510	12,747	...	.	...	...	60,510	12,747
	Do. cows and bullocks	...	,,	...	...	4,16,919	50,068	...	...	...	..	4,16,919	50,068
	Do. goats ...	...	,,	...	...	93,194	5,052	...	.		.	93,194	5,052
	Do. sheep ...	...	,,	..	...	1,22,781	4,422			...	...	1,22,781	4,422
	Do. other animals	...	,,	...	...	3	9	...	..	...	...	3	9
	Grass ...	...	Tons.	...	...	19,179	4,250	.	...	...	..	19,179	4,250
	Do. birs ...	...	Contract.	...	723	...	.	..	...	...	...	...	723
	Fruits and flowers ...	...	Tons.	75	343	23	169	...	...		...	98	512
	Do. do. ...	...	Contract.	...	...	...	7,611	...	...	...	...	...	7,611
	Skins and horns ...	...	Tons.	1	32	3	50	...	.	...	...	4	82
	Do. do. ...	...	Contract.	...	...	.	1,195	...	...	...	..	...	1,195
	Mineral products ...	...	Tons.	...	...	8,108	1,145	...	...	...	...	8,108	1,145
	Do. do. ..	...	Contract	...	...	...	15	...	..	...	..	...	15
	Miscellaneous products	...	Tons.	...	25	2,875	1,078	...	...	...	...	2,875	1,103
	Do. do.	...	Contract.	...	...	. .	240	...	...	...	...	...	240
	Hurra (Myrabolam)	...	Tons.	5	60	...	.	...	...	..	..	5	60
	Lac ...	...	,,	...	60	...	2	...	...	...	...	...	62
	Do. ...	...	Contract.	...	...	...	1,461	...	...	...	...	...	1,461
			Total ...	...	1,243	...	89,514	...	...	...	...	...	90,757

ANNUAL FORM No. 58.—[*Prescribed.*]—(Contd.)

Division.	Description of Produce.		Produce removed or utilized										Remarks.
			By Government agency.		By purchasers		By free grants.		By right-holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Chhindwara ...	Grazing buffaloes	No.	...	...	12,463	4,748	...	...	.	...	12,463	4,748	
	Do. cows and bullocks ...	"	...	..	1,28,992	23,920	...	...	...	...	1,28,992	23,920	
	Do. goats	"	...	..	9,314	729	...	...	.	...	9,314	729	
	Do. sheep	"	...	...	9,283	435	...	...	...	...	9,283	435	
	Do. other animals ...	"	...	...	78	17	...	...	...	...	78	17	
	Grass	Tons.	...	...	3,558	2,232	...	...	...	...	3,558	2,232	
	Do. birs	Contract.	...	...	...	80	...	...	...	...	...	80	
	Fruits and flowers	Tons.	...	..	1	2	...	...	...	...	1	2	
	Do. do.	Contract	..	...	.	3,174	...	..	..	..	...	3,174	
	Skins and horns	Tons.	...	..	...	7	...	...	...	...	...	7	
	Do. do.	Contract.	...	...	...	338	...	.	...	...	...	338	
	Mineral products	Tons.	..	...	3	13	...	...	...	...	3	13	
	Do. do.	Contract.	...	...	...	21	...	...	...	...	...	21	
	Miscellaneous products ...	Tons.	...	..	732	405	...	...	.	...	732	405	
	Do. do. ...	Contract.	...	...	...	126	...	...	..	...	...	126	
	Lac	"	...	...	...	1,066	...	...	...	...	...	1,066	
	Total ...		...	...	...	37,313	...	...	...	...	...	37,313	
Nagpur-Wardha.	Grazing buffaloes	No.	...	..	14,098	6,403	...	...	...	...	14,098	6,403	
	Do. cows and bullocks ...	"	...	...	1,25,634	26,415	...	...	..	...	1,25,634	26,415	
	Do. goats	"	...	...	6,616	827	...	...	..	...	6,616	827	
	Do. sheep	"	...	...	16,877	1,578	...	...	...	...	16,877	1,578	
	Do. camels	"	...	...	9	9	...	...	...	...	9	9	
	Do. other animals ...	"	...	...	6	2	...	...	...	...	6	2	
	Grass	Tons.	8	152	2,007	1,502	...	.	...	...	2,015	1,654	
	Do. birs	Contract.	...	...	...	8,718	...	...	...	...	...	8,718	
	Fruits and flowers	Tons.	3	56	1	29	...	...	...	...	4	85	
	Skins and horns	"	...	1	...	10	...	...	...	...	...	11	

	Skins and horns	Contract.	...	...	...	243	...	...	...	...	...	243
	Mineral products	Tons.	...	...	19	24	...	...	...	...	19	24
	Do. do.	Contract.	...	...	...	122	...	...	...	...	...	122
	Miscellaneous products ...	Tons	...	10	768	753	...	...	...	..	768	763
	Do. do. ...	Contract.	...	..	...	26	...	...	...	...	...	26
	Do. other minor forest produce	Tons.	...	...	5	21	...	...	...	...	5	21
	Do. do. ...	Contract.	...	...	...	3,285	...	...	...	...	...	3,285
	Total ...		...	219	...	49,967	...	...	...	...	...	50,186
Raipur (Chhattisgarh) ..	Grazing buffaloes	No.	...	...	13,959	4,927	...	...	..	...	13,959	4,927
	Do. cows and bullocks ...	,,	...	.	1,29,428	16,126	...	...	...	...	1,29,428	16,126
	Do. goats	,,	..	...	2,711	212	...	...	..	..	2,711	212
	Do. other animals ...	,,	...	...	50	16	...	...	...	...	50	16
	Grass fodder	Tons.	864	1,837	39	30	...	...	...	...	903	1,867
	Do. thatching	,,	...	...	5,244	19,247	..	...	...	...	5,244	19,247
	Do. birs	Contract.	...	...	...	125		..	.	..	...	125
	Fruits and flowers	Tons.	2	2	62	107	...	..	.	...	64	109
	Do. do.	Contract.	...	...	...	1,891	...	..	...	...	...	1,891
	Skins and horns	Tons.	...	..	10	148	...	.	...	...	10	148
	Do. do.	Contract.	...	...	...	291	...	...	...	...	...	291
	Mineral products	Tons.	..	..	53	13	...	.	...	...	53	13
	Hurra (Myrabolam) ...	Contract.	3	146	...	3,400	...	...	...	...	3	3,546
	Lac	Tons.	...	...	44	1,406	...	...	..	...	44	1,406
	Miscellaneous products ...	,,	...	..	473	1,245	...	...	..	..	473	1,245
	Do. do. ...	Contract.	...	...	...	22	...	...	..	...	...	22
	Total ...		...	1,985	...	49,206	...	...	...	...	...	51,191
Sambalpur ...	Grazing buffaloes	No.	...	...	4,513	702	...	...	...	...	4,513	702
	Do. cows and bullocks ...	,,	...	..	24,856	2,343	...	.	...	..	24,856	2,343
	Do. goats	,,	.	...	1,223	86	...	...	...	...	1,223	86
	Do. sheep	,,	...	...	220	7	..	...	..	.	220	7
	Grass	Tons.	...	...	797	597	...	...	...	...	797	597
	Hurra (Myrabolam)	,,	...	..	1	31	...	...	...	..	1	31
	Mineral products	,,	...	...	921	148	...	...	...	...	921	148
	Miscellaneous products ...	,,	...	...	343	89	...	...	...	...	343	89
	Total ...		...	...	...	4,003	...	...	...	...	...	4,003

ANNUAL FORM No. 58.—[*Prescribed.*]—(Concld.).

Division.	Description of produce.		Produce removed or utilized.										Remarks.
			By Government agency.		By purchasers.		By free grant.		By right-holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Seoni ..	Grazing buffaloes ..	No	...	...	24,446	7,051	...	...	...	...	24,446	7,051	
	Do. cows and bullocks .	"	...	...	1,89,215	31,782	...	...	..	...	1,89,215	31,783	
	Do. goats	"	...	...	6,087	608	...	...	...	...	6,087	608	
	Do. sheep	"	...	...	843	76	...	...	...	...	843	76	
	Do. other animals ...	"	...	...	20	3	...	...	...	...	20	3	
	Grass	Tons.	...	...	5,213	2,539	...	...	...	...	5,213	2,539	
	Do. hire	Contract.	...	...	...	15	..	...	..	...	...	15	
	Fruits and flowers	Tons.	...	..	...	1		.	...	...	...	1	
	Skins and horns	"	...	...	...	5	...		..	...	...	5	
	Do. do. ...	Contract.	...	...	...	1,521	...	...	...	...	...	1,521	
	Mineral products	Tons.	...	...	2	2	..	...	...	...	2	2	
	Do. do.	Contract.	...	...	...	51	...	..	...	...	...	51	
	Miscellaneous products ...	Tons.	...	...	201	1,008	...	...	...	...	201	1,008	
	Do. do.	Contract	...	...		17	...	...	...	...	.	17	
	Hurra (Myrabolam)	"	...	...		183	...	...	...	...	...	183	
	Lac	"	...	...	...	264	...	...	...	...	...	264	
	Other minor forest produce ...	"	..	...	...	3,898	...	...	..	...	...	3,898	
	TOTAL FOR SOUTHERN CIRCLE ..		...	...	..	49,024	...	...	..	...	...	49,024	

Description of produce.		By Departmental agency.	By purchasers.	Total.	Remarks.
1		2	3	4	5
		Tons.	Tons.	Tons.	
Other Minor Forest Produce.	Grass	878	50,850	51,728	
	Fruits and flowers ..	83	390	473	
	Skins and horns	2	16	18	
	Hurra (Myrabolam) ...	112	2	114	
	Lac	1	58	59	
	Miscellaneous products ...	...	6,966	6,966	
	Total ...	1,076	58,282	59,358	
Mineral products ..		...	9 322	9,322	

Total number of animals grazed in the forests during the year, No. 16,85,926.

ANNUAL FORM No. 58.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Outturn of Minor Forest Produce during the year 1892-93.

Division.	Description of produce.		Produce removed or utilized.										Remarks
			By Government agency.		By purchasers.		By free grants.		By right-holders		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value	
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Mandla ...	Grass	Contract.	...	...	...	2,609	...	...	...	...	...	2,609	
	Hurra	Tons.	306	30,101	...	...	...	...	...	...	306	30,101	
	Hides and horns ...	"	...	...	32	162	...	...	...	...	32	162	
	Do.	Contract.	...	35	...	132	...	...	...	...	...	167	
	Lac	"	...	...	...	1,524	...	...	..	...	...	1,524	
	Mineral products ...	Tons.	...	...	129	88	...	...	...	...	129	88	
	Mohwa	Contract.	...	...	...	28	...	...	...	...	...	28	
	Other minor produce ...	Tons.	...	...	2	1	...	...	...	...	2	1	
	Do.	Contract.	...	.	...	8,036	...	...	...	...	...	8,036	
	Miscellaneous products ...	Tons.	16	2,637	...	...	.	...	...	...	16	2,637	
	Do.	Contract	...	5	...	322	...	...	...	...	...	327	
		Total ...	322	32,778	163	12,902	...	.	...	...	485	45,680	
Jubbulpore ...	Grass	Tons	258	398	480	280	...	...	.	...	738	678	
	Do.	Contract.	...	...	...	295	...	...	...	...	...	295	
	Hides and horns	"	.	3	...	469	..	...	...	...	..	472	
	Lac	"	...		...	815	..	...	...	...	...	815	
	Hurra	"	...	...	...	346	...	...	...	...	...	346	
	"	Tons.	17	1,235	...	...	...	...	...	...	17	1,235	
	Mohwa	Contract.	...	...	...	129	...	...	...	...	...	129	
	"	Tons.	9	146	...	...	...	...	...	...	9	146	
	Other minor produce ...	"	...	...	446	1,386	...	...	...	...	446	1,386	
	Do.	Contract.	...	...	...	1,924	...	...	...	...	...	1,924	
	Miscellaneous produce ...	"	...	...	...	1		...	...	...	...	1	
		Total ...	284	1,782	926	5,645	...	...	...	...	1,210	7,427	

Damoh ...	Grass	Tons.	...	...	260	159	...	...	...	...	260	159
	Do.	Contract.	...	...	...	678	...	...	...	...	...	678
	Horns and hides ...	"	...	...	...	675	...	...	...	...	...	675
	Lac	"	...	...	...	350	...	...	...	...	...	350
	Other minor produce ...	"	...	...	..	125	...	...	...	...	...	125
	Mohwa	"	...	...	...	1,158	...	...	...	...	...	1,158
	Hurra	"	...	...	...	125	...	...	...	...	...	125
	Miscellaneous products ...	"	...	...	...	132	...	...	...	...	...	132
	Mineral products ...	Tons	...	...	5,482	818	...	...	...	...	5,482	818
		Total ...	...	...	5,742	4,220	...	...	...	...	5,742	4,220
Saugor ...	Grass	Tons	...	...	718	486	...	...	...	...	718	486
	Do.	Contract	...	...	...	2,059	...	...	...	...	...	2,059
	Hides and horns ...	"	...	...	...	1,112	...	...	...	...	...	1,112
	Fruits and flowers ...	"	...	...	...	2,325	...	...	...	...	...	2,325
	Do.	Tons.	...	...	6	16	...	...	...	...	6	16
	Lac	Contract.	...	...	...	1,300	...	...	...	...	...	1,300
	Hurra	"	...	...	...	72	...	...	...	...	...	72
	Mineral products ...	"	...	...	...	332	...	...	...	...	...	332
	Do.	Tons.	...	...	1,258	643	...	...	...	...	1,258	643
	Miscellaneous products ...	"	...	...	832	638	...	...	...	...	832	638
	Do.	Contract.	...	...	...	1,195	...	...	...	...	...	1,195
		Total ...	...	...	2,814	10,178	...	...	...	...	2,814	10,178
Narsinghpur ...	Grass	Tons.	...	...	35	21	...	...	...	...	35	21
	Do.	Contract.	...	...	...	163	...	...	...	...	...	163
	Hurra	"	...	...	...	1,080	...	...	...	...	...	1,080
	Fruits and flowers ...	"	...	...	-	2,160	...	...	...	...	...	2,160
	Hides and horns ...	"	...	...	...	390	...	...	...	...	...	390
	Mineral products ...	"	...	...	...	237	...	...	...	...	...	237
	Other mineral produce ...	Tons.	...	...	802	645	...	...	...	...	802	645
	Miscellaneous products ...	Contract.	...	...	...	1,770	...	...	...	...	...	1,770
		Total ...	...	...	837	6,466	...	...	...	...	837	6,466

ANNUAL FORM No. 58.—[*Prescribed.*]—(Contd.)

Division.	Description of produce.		Produce removed or utilized										Remarks.
			By Government agency.		By purchasers.		By free grants.		By right-holders.		Total.		
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Hoshangabad ...	Grass	Tons.	...	...	1,889	1,067	...	...	..	...	1,889	1,067	
	Do.	Contract.	...	...	...	1,025	...	...	...	...	...	1,025	
	Hides and horns ...	,,	...	...	...	772	...	...	...	...	..	772	
	Do.	Tons.	...	...	5	128	...	...	...	...	5	128	
	Hurra	Contract.	...	...	...	240	...	...	...	...	...	240	
	Lac	Tons.	...	...	1	1	...	...	...	...	1	1	
	Do.	Contract.	...	...	...	577	...	...	...	...	...	577	
	Fruits and flowers ...	Tons.	...	...	85	126	...	...	...	...	85	126	
	Do.	Contract.	...	...	...	137	...	...	...	...	...	137	
	Mohwa	,,	...	...	...	1,675	...	...	...	...	...	1,675	
	Do.	Tons.	...	...	56	62	...	...	...	...	56	62	
	Mineral products ...	,,	...	...	165	50	...	...	...	...	165	50	
	Do.	Contract.	...	...	...	160	...	...	...	...	...	160	
	Other minor produce ...	,,	...	...	...	311	...	...	...	...	...	311	
	Do.	Tons.	1	4	2,403	2,615	...	...	...	...	2,404	2,619	
	Miscellaneous products ...	,,	...	...	24	160	...	...	...	...	24	160	
	Do.	Contract.	...	...	...	11	...	...	...	...	...	11	
		Total ...	1	4	4,628	9,117	...	...	...	...	4,629	9,121	
Betul ...	Grass	Tons	...	...	6,068	3,368	..	...	...	...	6,068	3,368	
	Hides and horns ...	,,	...	...	67	58	...	...	...	...	67	58	
	Do.	Contract.	...	...	...	176	...	...	...	...	...	176	
	Lac	,,	...	...	...	16	...	...	...	...	...	16	
	Do.	Tons.	...	...	8	42	...	...	...	...	8	42	

	Hurra	Tons.	...	...	2	5	...	...	...	...	2	5
	Do.	Contract.	...	...	...	1,446	...	...	...	...	...	1,446
	Mohwa	"	...	...	...	6,509	...	...	...	...	...	6,509
	Do.	Tons.	...	...	3	12	...	...	...	...	3	12
	Other minor produce ...	"	...	...	754	711	...	...	...	...	754	711
	Do. ...	Contract.	...	...	...	88	...	...	...	...	...	88
	Mineral products ...	"	...	...	...	42	...	...	...	...	...	42
	Do.	Tons.	...	...	218	166	...	...	...	...	218	166
	Miscellaneous products ...	"	...	...	70	422	...	...	...	...	70	422
	Do.	Contract.	...	...	...	1,214	...	...	...	...	...	1,214
		Total ...	...	...	7,190	14,273	...	...	...	...	7,190	14,273
Nimar ...	Grass	Tons.	...	...	11,768	5,760	...	...	...	...	11,768	5,760
	Hides and horns ...	Contract	...	...	...	325	...	...	..	...	...	325
	Fruits and flowers ...	"	...	13	...	245	...	...	...	...	...	258
	Other minor produce ...	"	...	...	...	960	...	...	...	...	...	960
	Do.	Tons.	...	..	2,367	1,331	...	...	...	...	2,367	1,331
	Mineral products ...	"	...	...	79	15	...	...	...	...	79	15
	Do.	Contract.	...	...	...	52	...	...	...	...	...	52
		Total ...	...	13	14,214	8,688	...	...	...	...	14,214	8,701
	TOTAL FOR NORTHERN CIRCLE ...		607	34,577	36,514	71,489	...	...	...	...	37,121	1,06,066
	GRAND TOTAL FOR C. P. ...		607	34,577	36.514	1,20,513	...	...	...	...	37,121	1,55,090

ANNUAL FORM No. 59.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account of Timber and other produce cut or collected by Government Agency and brought to Sale Depôts, or sold locally, during the Forest year 1892-93.

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance at commencement of the year—					
Askurs	No....	238	...		
Dhuras	„ ...	235	...		
Do., bijasal	„ ...	505	...		
Harris	„ ...	97	...		
Keys, Timber, Railway	„ ...	12	...		
Logs, other than teak and sâl	„ ..	22	99		
Do. teak	„ ...	45	813		
Moyals, do.	„ ...	13	2		
Poles, do.	„ ...	9	...		
Do., do., large	„ ...	448	...		
Do., do., small	„ ...	93	...		
Do., other than teak and sâl	„ ...	382	...		
Planks, teak	„ ..	773	520		
Props, pit	„ ...	707	2,118		
Do., experimental	„ ...	21	125		
Scantlings, teak	„ ...	2,403	1,759		
Do. do. of sizes	„ ...	87	30		
Do. do. 3½′×8″×8″	„ ...	45	69		
Do. do. 8′×7″×4″	„ ...	478	730		
Do. do. 12′×9″×7″	„ ...	47	246		
Sleepers, other than teak and sâl	„ ...	5	5		
Do. teak 3′×5″×5″	„ ...	63	32		
Do. do. 8½′×5″×5″	„ ...	39	23		

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Removed by purchasers from Depôts—					
Askurs	No....	148	...		
Dhuras	„ ..	148	...		
Do., bijasal	„ ..	111	...		
Ends, teakwood, of logs	„ ...	30	15		
Harris	„ ..	46	...		
Keys, timber, Railway	„ ..	12	..		
Logs, other than teak and sâl	„ ..	20	188		
Do., teak	„ .	1	18		
Lats, other than teak and sâl	„ ...	30	...		
Logs, do. do.	„ ...	1	3		
Moyals, teak	„ ...	4	12		
Do., other than teak and sâl	„ ...	1	4		
Poles, teak, large	„ ...	398	...		
Do., do, small	„ ...	58	...		
Do., other than teak and sâl	„ ...	951	...		
Planks, teak	„ ...	675	436		
Props, pit	„ ...	4,727	25,034		
Pieces, other than teak and sâl	„ ...	86	...		
Poles, teak	„ ...	9	...		
Scantlings, teak	„ ...	1,620	1,825		
Do. do. 12′×9″×7″	„ ...	20	105		
Do. do. 8′×7″×4″	„ ...	231	359		
Do. do.	„ ...	290	96		
Do. do. 3½′×8″×8″	„ ...	1	2		

Do. do. 3′ × 3″ × 3″	„ ...	36	7		
Do. do. B. G. 10′ × 10″ × 5″	„ ..	550	1,899		
Do. do. 3′ × 6″ × 5″	„ ..	522	325		
Thoonis, other than teak and sâl	„ ..	436	...		
Bamboos	...	4,930	...		
Do. small	...	11,021	...	24,262	8,802
Received from forests in Depôts—					
Askurs	No...	444	...		
Harris	„ ...	1	...		
Logs, other than teak and sâl	„ ..	44	410		
Lats, do. do.	„ ..	30	...		
Moyals, do. do.	„ ..	97	627		
Poles, large	„ ...	142	...		
Do., small	„ ..	1,083	...		
Pieces, other than teak and sâl	„ ...	86	...		
Props, pit	„ ...	4,179	23,327		
Bamboos, large	„ ...	875	...		
Do, small	„ ..	425	...		
Hurra (Myrabolam)	Maunds...	2,798	...	10,204	24,364
Received from the forests and sold locally—					
Building, wood	Cart-load..	20	...		
Baglis of sâl sleepers	No....	25	...		
Dhuras, other than teak and sâl	„ ..	7	...		
Furras, teak	„ ...	6	6		
Golas, do.	„ ..	82	...		
Do. common	„ ..	58	...		
Khodes, teak-wood	Cart-load..	43	...		
Logs, teak	No....	153	5,713		
Logs, other than teak and sâl	„ ...	209	51		
Moyals, teak	„ ...	9	71		
Planks, do.	„ ...	67	33		
Poles, other than teak and sâl	„ ...	19,966	...		
Do., do. do.	Head-load...	1	...		
Do., teak	No....	6,237	...		
Do., other than teak and sâl	Cart-load...	115	...		
Patia, surai or murkas	No. .	11	...		
Pieces, teak-wood	„ ...	13	...		
Do., other than teak and sâl	„ ...	25	...		
Scantlings, teak of sizes	„ ...	16,971	9,071		
Do. do. 12′ × 9″ × 7″	„ ...	70	368		
Do. do. 8′ × 7″ × 4″	„ ...	105	164		
Do. do. 7′ × 4″ × 4″	„ ...	550	427		
Do. do. 7′ × 4″ × 3″	„ ...	830	484		
Do. do. 7′ × 3″ × 3″	„ ...	716	313		
Do. do. 16′ × 12″ × 6″	„ ...	20	160		
Sleepers, do. 3′ × 5″ × 5″	„ ...	38	20		
Do. do. 3½′ × 5″ × 5″	„ ...	34	20		
Do. do. 3′ × 3″ × 3″	„ ...	36	7		
Do. do. 3′ × 6″ × 5″	„ ...	19	12		
Do. do. B. G. 10′ × 10″ × 5″	„ ...	457	1,587		
Do. other than teak and sâl	„ ...	1	1		
Thoonis, do. do.	„ ..	135	...		
Bamboos, large	„ . .	4,083	..		
Do. small	„ ...	9,303	...	23,744	29,904
Transferred to other Depôts—					
Logs, teak-wood	„ ...	5	96	5	96
Decrease by re-measurement —					
Logs, teak-wood	Cft....	...	15	...	15
Received from the forests and sold locally—					
Building, wood	Cart-load...	20	...		
Baglis of sâl sleepers	No....	25	...		
Dhuras, other than teak and sâl	„ ...	7	...		
Furras, teak-wood	„ ...	6	6		
Golas, do.	„ ...	82	...		
Do., common	„ ...	58	...		
Khodes, teak-wood	Cart-load...	43	...		
Logs, teak-wood	No....	153	5,713		
Logs, other than teak and sâl	„ ...	209	51		
Moyals, teak	„ ...	9	71		
Planks, do.	„ ..	67	33		
Poles, other than teak and sâl	„ ...	19,966	...		
Do., do. do.	Head-load...	1	...		
Do., do. do.	Cart-load...	115	...		
Do., teak	„ ..	6,237	...		
Patia, surai or murkas	No...	11	...		
Pieces, teak-wood	„ ..	13	...		
Do., other than teak and sâl	„ ..	25	...		
Scantlings, teak, of sizes	„ ...	16,971	9,071		
Do. do. 12′ × 9″ × 7″	„ ..	70	368		
Do. do. 8′ × 7″ × 4″	„ ..	105	164		
Do. do. 7′ × 4″ × 4″	„ ..	550	427		
Do. do. 7′ × 4″ × 3″	„ ...	830	484		
Do. do. 7′ × 3″ × 3″	„ ...	716	313		
Do. do. 10′ × 5″ × 5″	„ ..	220	432		
Do. do. 10′ × 5″ × 4″	„ ..	220	307		
Sleepers, sâl 10′ × 10″ × 5″	„ ...	67	244		
Do. (rejected)	„ ..	5	...		
Trees, teak	„ ..	1,501	...		

ANNUAL FORM No. 59.—[*Prescribed.*]—(Concld.)

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Scantlings teak, 10′ × 5″ × 5″	No....	220	432		
Do. do. 10′ × 5″ × 4″	„ ...	220	307		
Sleepers, sâl 10′ × 10″ × 5″	„ ...	67	244		
Do. (rejected)	„ ...	5	...		
Trees, teak	„ ...	1,501	...		
Do., other than teak and sal	„ ...	1,553	...		
Firewood	Head-load...	1,215	...		
Do.	Cart-load...	3,468	...		
Do.	Maunds .	1,671	...		
Do.	Stacks...	3,290	...		
Do.	Cft....	610	...		
Charcoal	Maunds...	8	...		
Do.	Kawar-loads ..	14	...		
Bamboos	No....	1,03,182	...		
Karkas	Head-load ..	366	...		
Do.	Cart-load .	32	...		
Char	Pailis...	119	...		
Chironji	„ ...	17	...		
Dhan (Rice)	„ ..	148	...		
Flowers, mohwa	Khandi..	103	...		
Gum	Seers...	126	...		
Grass	Pulas...	8,99,869	...		
Hurra	Khundi...	7	...		
Do.	Maunds...	107	...		
Horns	No. .	106	...		
Honey	Seers...	42	...		
Lac	Maunds...	11	...		
Mohwa	Pailis ..	776	...		
Do.	Maunds...	52	...		
Do.	Khundi...	2	...		
Seed, mohwa	„ ...	2	...		
Skins	Sheet...	14	...		
Wax, bees	Seers...	5	...	10,65,217	17,684
Received by conversion, in Depôts—					
Ends, teak-wood, of logs	No....	30	15		
Scantlings, do. 1′—7½″ × 6″ × 3″	„ ...	150	25		
Trees other than teak and sâl	No...	1,553	...		
Fire-wood	Head-load..	1,215	...		
Do.	Cart-load..	3,468	...		
Do.	Maunds...	1,671	...		
Do.	Stacks..	3,290	...		
Do.	Cft...	610	...		
Charcoal	Maunds..	8	...		
Do.	Kawar-loads..	14	...		
Bamboos	No...	1,03,182	...		
Karkas	Head-load..	366	...		
Do.	Cart-load..	32	...		
Char	Pailis..	119	...		
Chironji	„ ..	17	...		
Dhan (rice)	„ ..	148	...		
Flowers, mohwa	Khandi..	103	...		
Gum	Seers .	126	...		
Grass	Pulas .	8,99,869	...		
Hurra	Khundi..	7	...		
Do.	Maunds..	107	...		
Horns	No....	106	...		
Honey	Seers..	42	...		
Lac	Maunds...	11	...		
Mohwa	Pailis .	776	...		
Do.	Maunds...	52	...		
Do.	Khandi...	2	...		
Seed, mohwa	„ ...	2	...		
Skins	Sheet ..	14	...		
Wax bees	Seers...	5	...	10,65,217	17,684
Confiscated and sold local—					
Axes, Iron	No....	30	...		
Logs, other than teak and sâl	„ ...	2	...		
Murkas, sarai, or sâl	„ ...	38	38		
Moyals, teak	„ ...	2	14		
Poles, do. and sâl	„ ...	102	...		
Do., other teak and sâl	„ ...	25	...		
Trees, other than teak and sâl	„ ...	9	...		
Fire-wood	Head-load...	4	...		
Bamboos	No....	70	...		

Do. do. 4½′ × 6″ × 3″	„ ...	100	56		
Do. do. 16′ × 12″ × 6″	„ ..	20	160	300	256
Excess found—					
Moyals, teak	Cft...	..	34		
Scantlings, teak (new)	„ ..	...	65	...	99
Received by confiscation and sold locally—					
Axes, iron	No....	30	...		
Logs, other than teak and sâl	„ ...	2	...		
Murkas, sarai, or sâl	„ ..	38	38		
Moyals, teak	„ ...	2	14		
Poles, do. and sâl	„ ...	102	...		
Do. other than teak and sâl	„ ...	25	...		
Trees do. do.	„ ...	9	...		
Fire-wood	Head-load...	4	...		
Bamboos	No. .	70	..		
Karkas	Cart-load..	1	...		
Resin	Seers...	33	...		
Ropes	No....	57	...		
Skins	Sheet .	1	...	374	52
Total ...		...	...	11,00,357	51,257

Karkas	Cart-load...	1	...		
Resin	Seers...	33	...		
Ropes	No....	57	...		
Skins	Sheet...	1	...	374	52
Balance at close of the year—					
Askurs	No...	534	...		
Dhuras	„ ..	87	...		
Do., bijasal	„ ..	394	...		
Hurris	„ ..	52	...		
Logs, other than teak and sâl	„ ..	45	318		
Do., teak	„ ..	39	683		
Moyals, do.	„ ...	9	24		
Do., other than teak and sâl	„ ..	96	623		
Poles, teak, large	„ ..	50	...		
Do., do, small	„ ..	35	...		
Do., other than teak and sâl	„ ..	656	...		
Planks, teak	„ ...	9[illegible]	84		
Props, pit	„ ..	159	412		
Do., experimental	„ ...	21	125		
Scantlings, teak (new)	„ ..	783	...		
Do., do. 12′ × 9″ × 7″	„ ...	27	141		
Do, do. 8′ × 7″ × 4″	„ ...	247	371		
Do., do. 1′—7½″ × 6″ × 3″	„ ...	46	9		
Do., do. 4½′ × 6″ × 3″	„ ...	1	1		
Do., do. 3½′ + 8″ × 8″	„ ...	44	68		
Sleepers, do. 3′ × 5″ × 5″	„ ..	25	13		
Do., do. 3½′ × 5″ × 5″	„ ...	5	3		
Do., do. 3′ × 6″ × 5″	„ ..	503	314		
Do., do. B-G. 10′ × 10″ × 5″	„ ...	93	313		
Do., other than teak and sâl	„ ...	4	4		
Thoonis, do. do.	„ ...	301	...		
Bamboos	„ ...	1,722	...		
Do., small	„ ...	2,143	...		
Hurra (Myrabolam)	Maunds..	2,798	...	11,017	3,506
Total ...		...	...	11,00,357	51,257

Abstract.

RECEIPTS.

Balance in hand at commencement of the year	24,262	8,802
Received from the forests in depôts during the forest year ..	10,204	24,364
Received from the forests and sold locally ..	10,65,217	17,684
Received by conversion in depôts ...	300	256
Received by confiscation and sold locally ...	374	52
Received by re-measurement ...	...	99
TOTAL FOR SOUTHERN CIRCLE ...	11,00,357	51,257

DISPOSALS.

Removed by purchasers from the depôts ...	23,744	29,904
Transferred to other depôts within division ...	5	96
Decreased by re-measurement ...	...	15
Received from the forests and sold locally ..	10,65,217	17,684
Confiscated and sold locally ...	374	52
Balance at close of the year ...	11,017	3,506
TOTAL FOR SOUTHERN CIRCLE ...	11,00,357	51,257

ANNUAL FORM No. 59.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account of Timber and other Produce cut or collected by Government Agency and brought to Depôts, or sold locally, or otherwise disposed of, during the year 1892-93.

Particulars.	No or quantity.	Cubic feet.	Total of each head.		Particulars.	No. or quantity.	Cubic feet.	Total of each head.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Balance at the commencement of the year—					Removed by purchasers from depôts—				
Sâl sleepers	5	21			Teak poles ... ... No.	2,716	...		
„ scantlings	6	29	11	50	Timber poles ... ... „	8	...		
Balance of previous year at local depôts now brought on stock and treated as receipt during the year—					Tendu trees ... ... „	3	...		
					Sandalwood ... ... Cart-load.	1	...		
Teak poles ... No	3,083	...			Babul trees ... ... No	12	...		
„ sakties ... „	2,434	...			Sâl scantlings ... ... „	...	430		
„ chulias ... „	3,051	...			Teekur ... ... Mds	79	...		
„ stumps ... „	48	202			Rall . ... „	229	...		
„ sleepers ... „	121	20			Hurra ... ... „	8,710	...		
„ logs ... „	51	324			Mohwa ... ... „	255	...		
Sâl sleepers ... „	66	269			Hides ... ... No	27	...		
„ scantlings ... „	...	752			Horns ... ... „	11	...		
„ square logs ... „	3	76			Bamboos ... ... „	29,570	...		
Teekur ... Mds.	13	...			Grass (poolas) ... ... „	7,22,000	...		

Hides ...	No.	8	...		
Horns ...	„	5	...		
Hurra ...	Mds.	14,027	...		
Rall ...	„	52	...		
Mohwa ...	„	240	.	23,202	1,643
Received from the Forests in Depôts—					
Timber (coppiced) ...		...	1,66,100		
Firewood (do.) ...		..	8,16,985		
Teak poles ...	No.	286	..		
Teekur ...	Mds	124	...		
Hides ...	No.	19	..		
Horns ...	„	8	..		
Hurra ..	Mds.	10,663	...		
Rall ...	„	289	...		
Mohwa ...	„	165	...		
Timber poles ...	No.	8	..		
Sandalwood ...	Cart-load.	1	...		
Sutkatta poles ...	No.	63	...		
Babul trees ...	„	12	..		
Tendu trees ...	„	3	...		
Oranges ..	„	5,662	..		
Lemons ...	„	400	..		
Bamboos ...	„	37,819	...		
Grass (poolas) ...	„	7,25,000	...		
Bansingada ..	Seers.	5	..		
Gur Sukree ...	„	1	.		
Kamraj ..	„	2	...		
Baichandi ..	Mds.	34	...	7,80,564	9,83,085
TOTAL FOR NORTHERN CIRCLE ...		.	...	8,03,777	9,84,778
GRAND TOTAL FOR C. P. ..		...	...	19,04,134	10,36,035

Oranges ...	„	5,662	...		
Lemons ...	„	400	...		
Timber (coppiced) ...		...	1,460		
Firewood (do.) ...		...	1,25,976	7,69,683	1,27,866
Balance at the close of the year—					
Teak poles ...	No.	653	...		
„ sakties ...	„	2,434	...		
„ chulias ...	„	3,051	...		
„ stumps ...	„	48	202		
„ sleepers ...	„	121	20		
„ logs ..	„	51	324		
Sâl sleepers ...	„	77	290		
„ scantlings ...	„	...	351		
„ square logs ...	„	3	76		
Sutkatta poles ...	„	63	..		
Teekur ...	Mds.	58	..		
Horns ...	No.	3	...		
Baichandi ...	Mds.	34	...		
Bamboos ..	No.	8,248	...		
Grass (poolas) ...	„	3,000	..		
Rall ...	Mds.	112	...		
Hurra ...	„	15,979			
Mohwa ...	„	150	...		
Bansingada ...	Seers.	6	...		
Gur Sukree ...	„	1	...		
Kamraj ...	„	2	.		
Timber (coppiced) ...		...	1,64,640		
Firewood (do.) ...		...	6,91,009	34,094	8,56,912
TOTAL FOR NORTHERN CIRCLE ...		...	..	8,03,777	9,84,778
GRAND TOTAL FOR C. P. ...		...	...	19,04,104	10,36,035

ANNUAL FORM No. 60.—[*Prescribed*].

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Abstract showing the value of Timber and other Produce at Sale Depôts for the Forest year 1892-93.

Description of Timber and other Produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favor of the year.	Against the year.	
1	2	3	4	5	6	7	8	9	10
			Rs.			Rs.	Rs.	Rs.	
Askurs ... No.	238	...	89	534	...	134			
Dhuras ... „	740	...	623	481	...	279			
Harris ... „	97	...	194	52	...	65			
Keys, timber, Railway „	12	...	...	...	...	...			
Logs, other than teak and sâl „	22	99	67	45	318	199			
Do., teak ... „	45	813	870	39	683	1,025			
Mayals, do. ... „	13	2	2	9	24	36			
Do., other than teak and sâl „	...	...	...	96	623	312			
Planks, teak ... „	773	520	1,040	98	84	126			
Poles, other than teak and sâl „	382	...	179	656	...	156			
Do., teak, large ... „	448	...	336	50	...	37			
Do., do., small ... „	93	...	46	35	...	13			
Do., do., do. ... „	9	...	...	...	...	...			
Props, experimental „	21	125	27	21	125	...			
Do., pit ... „	707	2,118	1,718	159	412	206			
Scantlings, teak, of sizes „	2,403	1,759	918	783	...	293			
Do., do. „	87	30	42	47	10	18			
Do., do. 3½′ × 8″ × 8″ „	45	69	95	44	68	119			
Do., do. 8′ × 7″ × 4″ „	478	730	1,069	247	371	649			
Do., do. 12′ × 9″ × 7″ „	47	246	387	27	141	220			
Sleepers, teak 3′ × 3″ × 3″ „	36	7	12	...	...	...			
Do., do. 5′ × 5″ × 5″ „	63	32	22	25	13	16			
Do., do. 3½′ × 5″ × 5″ „	39	23	14	5	3	3			
Do., do. 3′ × 6″ × 5″ „	522	325	294	503	314	472			
Do., do. B. G. 10′ × 10″ × 5″ „	550	1,899	2,048	93	313	365			
Do., other than teak and sâl „	5	5	8	4	4	10			
Thoonies, other than teak and sâl „	436	...	178	301	...	80			
Total ...	8,311	8,802	10,278	4,354	3,506	4,833			
Bamboos, large No.	4,930	...	798	1,722	...	152			
Do., small „	11,021	...		2,143	..				
Hurra (Myrabolam) Mds.	...	...	...	2,798	...	4,896			
TOTAL FOR SOUTHERN CIRCLE ...	24,262	8,802	11,076	11,017	3,506	9,881	...	1,195	

ANNUAL FORM No. 60.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Abstract showing the value of Timber and other Produce at Depôts for the year 1892-93.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favor of the year.	Against the year.	
1	2	3	4	5	6	7	8	9	10
			Rs.			Rs.	Rs.	Rs.	
Timber (coppiced) ...	...	...	...	...	1,64,640	11,713	...	...	
Teak logs ...	...	...	...	51	324	8	...	...	
„ sleepers	...	...	...	121	20	7	...	...	
Sâl sleepers ..	5	21	10	77	290	248	...	...	
„ scantlings ...	6	29	29	...	351		...	...	
„ square logs	...	...	...	3	76	75	...	...	
Teak poles ...	...	...	...	653	...	20	...	...	
„ sakties ...	...	...	...	2,434	...	99	...	...	
„ chulias ...	...	...	...	3,051	...	762	..	...	
„ stumps ...	...	...	...	48	202	66	...	...	
Sutkuta poles ...	...	...	...	63	...	3	..	...	
Total ...	11	50	39	6,501	1,65,903	13,001	12,962	...	
Firewood (coppiced) ...	...	...	...	...	6,91,009	4,318	4,318	..	
Grass poolas ..	...	...	...	3,000	...	2	2	...	
Bamboos No....	...	...	...	8,248	...	93	93	...	
Teakur Mds....	...	...	...	58	..	401	...	...	
Horns No...	...	...	...	3	...	19	...	...	
Baichandi Mds...	...	...	...	34	...	5	...	...	
Rall „ ..	..	...	...	112	...	673	...	...	
Hurra „ ...	...	...	...	15,979	...	45,851	...	...	
Mohwa „ ...	.	...	...	150	...	84	...	...	
Bansingara Seers...	...	...	...	6	...	...	...	...	
Gur Sukri ...	...	...	...	1	...	...	...	...	
Kamraj ...	...	...	...	2	...	...	...	...	
Total ..	...	...	..	16,345	...	47,033	47,033	...	
TOTAL FOR NORTHERN CIRCLE ...	11	50	39	34,094	8,56,912	64,447	64,408	...	
GRAND TOTAL FOR C. P. ..	24,273	8,852	11,115	45,111	8,60,418	74,328	64,408	1,195	

ANNUAL FORM

FOREST DEPARTMENT, SOUTHERN

Summary of Revenue of the different

Budget heads.	Direction.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the Forests by Government agency—				
a.—Timber	...	44 0 0	511 0 0	653 0 0
b.—Firewood and charcoal ...	...	569 0 0	71 0 0	580 0 0
c.—Bamboos	...	1,267 0 0	...	1,495 0 0
d.—Sandal-wood	...	...	..	...
e.—Grass and other minor produce ...	59 0 0	13 0 0	...	26 0 0
Total ...	59 0 0	1,893 0 0	582 0 0	2,754 0 0
II.—Timber and other produce removed from the Forests by consumers or purchasers—	...	29,565 0 0	18,257 0 0	12,290 0 0
a.—Timber	..	851 0 0	4,360 0 0	3,954 0 0
b.—Firewood and charcoal ...	..	6,052 0 0	11,072 0 0	795 0 0
c.—Bamboos	...	10,974 0 0	6,399 0 0	3,609 0 0
d.—Grazing and fodder grass ...	...	20,060 0 0	22,523 0 0	18,754 0 0
e.—Other minor produce ...	...	5,797 0 0	5,597 0 0	389 0 0
Total ...	...	82,299 0 0	68,208 0 0	39,791 0 0
III.—Drift and waif-wood and confiscated forest produce—	...	274 0 0	503 0 0	106 0 0
Total ...	...	274 0 0	503 0 0	106 0 0
IV.—Revenue from Forests not managed by Government—				
a.—Duty on foreign timber and other forest produce.	...	...	...	...
b.—Revenue from shared and private forests.	...	...	...	...
Total ...	...	..	...	...
V.—Miscellaneous—				
a.—Fines and forfeitures ...	...	...	34 0 0	108 0 0
b.—Refunds	18 0 0	24 0 0	1 0 0	1 0 0
c.—Other sources	2,680 0 0	1,118 0 0	640 0 0	1,247 0 0
Total ..	2,698 0 0	1,142 0 0	675 0 0	1,356 0 0
TOTAL RECEIPTS ...	2,757 0 0	85,608 0 0	69,968 0 0	44,007 0 0
A.—CONSERVANCY AND WORKS.				
I.—Timber and other produce removed from the Forests by Government Agency—				
a.—Timber	...	3 0 0	904 0 0	182 0 0
b.—Firewood and charcoal ...	...	86 0 0	...	326 0 0
c.—Bamboos	...	174 0 0	...	458 0 0
d.—Sandal-wood	...	1 0 0	...	...
e.—Grass and other minor produce ..	...	2,846 0 0	...	87 0 0
Total A. I. ...	...	3,110 0 0	904 0 0	1,053 0 0
II.—Timber and other produce removed from the Forests by consumers or purchasers—	...	9,251 0 0	6,480 0 0	8,565 0 0
Total A. II. ...	...	2,251 0 0	6,480 0 0	8,565 0 0

No. 61.—[*Prescribed*].

CIRCLE, CENTRAL PROVINCES.

Divisions for the Forest year 1892-93.

Chanda Division.	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Seoni Division.	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
35,650 0 0	398 0 0	...	1,732 0 0	...	...	38,988 0 0
...	38 0 0	...	2,274 0 0	...	...	3,532 0 0
644 0 0	114 0 0	...	6 0 0	...	...	3,526 0 0
...	...	...	...	...	...	...
1,278 0 0	1,341 0 0	...	219 0 0	...	...	2,936 0 0
37,572 0 0	1,891 0 0	...	4,231 0 0	...	...	48,982 0 0
49,347 0 0	21,096 0 0	3,985 0 0	9,374 0 0	10,594 0 0	15,147 0 0	1,69,655 0 0
11,111 0 0	9,316 0 0	3,962 0 0	3,381 0 0	2,284 0 0	9,557 0 0	48,776 0 0
7,936 0 0	11,273 0 0	3,553 0 0	3,115 0 0	3,716 0 0	6,096 0 0	53,608 0 0
13,319 0 0	1,780 0 0	3,898 0 0	2,865 0 0	8,011 0 0	7,412 0 0	58,267 0 0
64,788 0 0	18,931 0 0	32,158 0 0	44,646 0 0	3,576 0 0	41,576 0 0	2,76,012 0 0
12,575 0 0	26,703 0 0	6,952 0 0	4,245 0 0	206 0 0	6,015 0 0	68,479 0 0
1,59,076 0 0	89,099 0 0	54,508 0 0	67,626 0 0	28,387 0 0	85,803 0 0	6,74,797 0 0
84 0 0	5 0 0	279 0 0	989 0 0	70 0 0	35 0 0	2,345 0 0
84 0 0	5 0 0	279 0 0	989 0 0	70 0 0	35 0 0	2,345 0 0
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	2 0 0	5 0 0	149 0 0
20 0 0	13 0 0	47 0 0	44 0 0	14 0 0	6 0 0	188 0 0
2,740 0 0	2,028 0 0	1,743 0 0	949 0 0	477 0 0	1,388 0 0	15,010 0 0
2,760 0 0	2,041 0 0	1,790 0 0	993 0 0	493 0 0	1,399 0 0	15,347 0 0
1,99,492 0 0	93,036 0 0	56,577 0 0	73,839 0 0	28,950 0 0	87,237 0 0	7,41,471 0 0
16,088 0 0	221 0 0	...	580 0 0	...	...	17,978 0 0
...	1 0 0	...	544 0 0	...	...	957 0 0
67 0 0	5 0 0	...	...	...	...	704 0 0
...	...	...	...	...	...	1 0 0
201 0 0	364 0 0	...	15 0 0	...	...	3,513 0 0
16,356 0 0	591 0 0	...	1,139 0 0	...	...	23,153 0 0
12,184 0 0	15,483 0 0	8,736 0 0	6,768 0 0	3,063 0 0	8,419 0 0	78,949 0 0
12,184 0 0	15,483 0 0	8,736 0 0	6,768 0 0	3,063 0 0	8,419 0 0	78,949 0 0

Budget heads.	Direction.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—CONSERVANCY AND WORKS-(Contd).				
III.—Drift and waif-wood and confiscated forest produce—	...	...	...	...
Total A. III. ...	...	...	...	...
IV.—Revenue from Forests not managed by Government—				
a.—Duty on foreign timber and other forest produce.	...	...	...	...
b.—Revenue from shared and private forests.	...	...	...	...
Total A. IV. ...	...	...	...	...
V.—Rent of leased forests and payments to Shareholders in forests managed by Government—	...	...	...	...
Total A. V. ...	...	...	...	...
VI.—Live Stock, Stores, Tools and Plant—				
a.—Purchase of cattle ...	...	...	...	...
b.—Feed and keep of cattle ...	1,011 0 0	...	...	...
c.—Purchase of stores, tools and plant...	15 0 0	4 0 0	19 0 0	81 0 0
Total A. VI. ...	1,026 0 0	4 0 0	19 0 0	81 0 0
VII.—Communications and Buildings—				
a.—Roads and bridges ...	...	408 0 0	...	94 0 0
b.—Buildings	...	437 0 0	396 0 0	134 0 0
c.—Other works	...	...	...	451 0 0
Total A. VII. ...	...	845 0 0	396 0 0	679 0 0
VIII.—Demarcation, improvement and extension of forests—				
a.—Demarcation	...	536 0 0	61 0 0	2 0 0
b.—Compensation for land and rights ...	...	...	...	...
c.—Surveys	...	2,254 0 0	8,425 0 0	...
d.—Working Plans ...	145 0 0	...	...	...
e.—Sowing and planting ...	...	...	193 0 0	11 0 0
f.—Protection from fire ...	...	3,908 0 0	1,470 0 0	5,006 0 0
g.—Other works	...	1,058 0 0	18 0 0	...
Total A. VIII. ...	145 0 0	7,756 0 0	10,167 0 0	5,019 0 0
IX.—Miscellaneous—				
a.—Refunds	...	228 0 0	6 0 0	...
b.—Law charges	...	...	1 0 0	5 0 0
c.—Other charges	5,829 0 0	...	43 0 0	314 0 0
Total A. IX. ...	5,829 0 0	228 0 0	50 0 0	319 0 0
TOTAL A.—CONSERVANCY AND WORKS ...	7,000 0 0	21,194 0 0	18,016 0 0	15,716 0 0

LIBRARY

No. 61.—(FOREST YEAR)—[*Prescribed*].—(Contd.)

Chanda Division.	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Sconi Division.	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
12 0 0	...	...	...	...	...	12 0 0
12 0 0	...	...	...	...	...	12 0 0
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	..	...	...	...	...
2,718 0 0	...	...	...	...	...	2,718 0 0
3,002 0 0	...	...	...	...	...	4,013 0 0
1,748 0 0	25 0 0	95 0 0	91 0 0	249 0 0	50 0 0	2,377 0 0
7,468 0 0	25 0 0	95 0 0	91 0 0	249 0 0	50 0 0	9,108 0 0
1,335 0 0	10 0 0	...	96 0 0	31 0 0	96 0 0	2,070 0 0
1,922 0 0	429 0 0	211 0 0	435 0 0	67 0 0	958 0 0	4,989 0 0
329 0 0	10 0 0	...	...	1 0 0	...	791 0 0
3,586 0 0	449 0 0	211 0 0	531 0 0	99 0 0	1,054 0 0	7,850 0 0
2,858 0 0	296 0 0	192 0 0	827 0 0	489 0 0	61 0 0	5,322 0 0
...	...	...	...	...	...	...
4 0 0	12,940 0 0	...	...	...	...	23,623 0 0
...	3 0 0	...	...	...	..	148 0 0
...	714 0 0	3 0 0	42 0 0	...	71 0 0	1,034 0 0
23,552 0 0	3,233 0 0	679 0 0	3,520 0 0	786 0 0	3,076 0 0	45,230 0 0
861 0 0	74 0 0	20 0 0	7 0 0	127 0 0	886 0 0	3,051 0 0
27,275 0 0	17,260 0 0	894 0 0	4,396 0 0	1,402 0 0	4,094 0 0	78,408 0 0
1,192 0 0	100 0 0	...	...	...	17 0 0	1,543 0 0
2 0 0	...	1 0 0	...	...	...	9 0 0
73 0 0	299 0 0	2 0 0	...	9 0 0	...	6,569 0 0
1,267 0 0	399 0 0	3 0 0	...	9 0 0	17 0 0	8,121 0 0
68,148 0 0	34,207 0 0	9,939 0 0	12,925 0 0	4,822 0 0	13,634 0 0	2,05,601 0 0

Budget heads.	Direction.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
B.—ESTABLISHMENT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Salaries—				
a.—Conservators	24,000 0 0	...	...	...
b.—Superior officers ...	7,734 0 0	5,181 0 0	5,766 0 0	8,363 0 0
c.—Subordinate forest and depôt establishments.	548 0 0	9,967 0 0	9,306 0 0	3,940 0 0
d.—Office establishments ...	6,498 0 0	1,500 0 0	1,988 0 0	1,167 0 0
e.—Deputation and special allowances...	841 0 0	9 0 0	...	...
Total B. I. ...	39,621 0 0	16,657 0 0	17,060 0 0	13,470 0 0
II.—Travelling Allowances—				
a.—Conservators	1,880 0 0	...	...	...
b.—Superior officers ...	718 0 0	591 0 0	771 0 0	441 0 0
c.—Subordinate forest and depôt establishments.	...	215 0 0	140 0 0	58 0 0
d.—Office establishments ...	264 0 0	23 0 0	135 0 0	125 0 0
Total B. II. ...	2,862 0 0	829 0 0	1,046 0 0	624 0 0
III.—Contingencies—				
a.—Stationery	...	37 0 0	21 0 0	14 0 0
b.—Carriage of tents and records ...	1,188 0 0	314 0 0	367 0 0	689 0 0
c.—Rents, rates and taxes ...	834 0 0	...	...	...
d.—Pay of police guards ..	...	...	...	...
e.—Official postage ...	380 0 0	85 0 0	387 0 0	351 0 0
f.—Sundries	1,120 0 0	498 0 0	270 0 0	294 0 0
Total B. III. ...	3,522 0 0	934 0 0	1,045 0 0	1,348 0 0
TOTAL B.—ESTABLISHMENTS ...	46,005 0 0	18,420 0 0	19,151 0 0	15,442 0 0
TOTAL OF EXPENDITURE FOR SOUTHERN CIRCLE..	53,005 0 0	39,614 0 0	37,167 0 0	31,158 0 0
SURPLUS (+) OR DEFICIT (—) ...	—50,248 0 0	+45,994 0 0	+32,801 0 0	+12,849 0 0

No. 61—(FOREST YEAR.)—[*Prescribed*].—(Concld.)

Chanda. Division.	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Seoni Division.	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
...	...	...	...	...	...	24,000 0 0
13,037 0 0	10,284 0 0	8,731 0 0	7,510 0 0	6,316 0 0	9,213 0 0	82,135 0 0
40,231 0 0	12,364 0 0	9,318 0 0	22,423 0 0	4,513 0 0	13,626 0 0	1,26,236 0 0
6,376 0 0	1,911 0 0	1,450 0 0	3,006 0 0	1,307 0 0	2,115 0 0	27,318 0 0
422 0 0	...	...	...	...	...	1,272 0 0
60,066 0 0	24,559 0 0	19,499 0 0	32,939 0 0	12,136 0 0	24,954 0 0	2,60,961 0 0
...	...	...	...	...	...	1,880 0 0
2,576 0 0	905 0 0	939 0 0	1,099 0 0	706 0 0	1,818 0 0	10,564 0 0
609 0 0	86 0 0	73 0 0	280 0 0	48 0 0	55 0 0	1,564 0 0
234 0 0	119 0 0	83 0 0	96 0 0	60 0 0	79 0 0	1,218 0 0
3,419 0 0	1,110 0 0	1,095 0 0	1,475 0 0	814 0 0	1,952 0 0	15,226 0 0
81 0 0	43 0 0	22 0 0	40 0 0	2 0 0	12 0 0	272 0 0
1,297 0 0	661 0 0	453 0 0	741 0 0	211 0 0	561 0 0	6,482 0 0
...	2 0 0	...	270 0 0	...	...	1,106 0 0
...	...	...	...	...	...	...
823 0 0	511 0 0	186 0 0	459 0 0	97 0 0	211 0 0	3,490 0 0
1,556 0 0	390 0 0	464 0 0	222 0 0	240 0 0	407 0 0	5,461 0 0
3,757 0 0	1,607 0 0	1,125 0 0	1,732 0 0	550 0 0	1,191 0 0	16,811 0 0
67,242 0 0	27,276 0 0	21,719 0 0	36,146 0 0	13,500 0 0	28,097 0 0	2,92,998 0 0
1,35,390 0 0	61,483 0 0	31,658 0 0	49,071 0 0	18,322 0 0	41,731 0 0	4,98,599 0 0
+64,102 0 0	+31,553 0 0	+24,919 0 0	+24,768 0 0	+10,628 0 0	+45,506 0 0	+2,42,872 0 0

ANNUAL FORM

FOREST DEPARTMENT, NORTHERN

Summary of Revenue of the different

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
RECEIPTS.				
I.—Timber and other produce removed from the Forests by Government agency—				
a.—Timber	.....	.....	.....	.....
b.—Firewood and charcoal	.....	4 0 0	.....	.....
c.—Bamboos	.....	.....	.....	.....
d.—Sandal-wood	.....	.....	.....	.....
e.—Grass and other minor produce ...	4,000 0 0	.....	.....	4 0 0
Total ..	4,000 0 0	4 0 0	.....	4 0 0
II.—Timber and other produce removed from the Forests by consumers or purchasers—	...	20,608 0 0	8,186 0 0	17,212 0 0
a.—Timber	.....	20,389 0 0	6,621 0 0	55,002 0 0
b.—Firewood and charcoal	.....	1,246 0 0	4,063 0 0	4,672 0 0
c.—Bamboos	.....	14,062 0 0	1,949 0 0	18,896 0 0
d.—Grazing and fodder grass ...	.....	30,897 0 0	37,784 0 0	27,870 0 0
e.—Other minor produce	.....	7,763 0 0	3,307 0 0	6,221 0 0
Total ...	.....	94,965 0 0	61,910 0 0	1,29,873 0 0
III.—Drift and waif-wood and confiscated forest produce	.....	24 0 0	.....	507 0 0
Total ...	.....	24 0 0	.....	507 0 0
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	.....	.....	.....	.....
b.—Revenue from shared and private forest	.....	.....	.....	.....
Total ...	.....	.....	.....	.....
V.—Miscellaneous—				
a.—Fines and forfeitures	.....	.....	25 0 0	.....
b.—Refunds	23 0 0	15 0 0	1 0 0	49 0 0
c.—Other sources	.....	4,989 0 0	1,309 0 0	4,604 0 0
Total ...	23 0 0	5,004 0 0	1,335 0 0	4,653 0 0
Total Receipts ...	4,023 0 0	99,997 0 0	63,245 0 0	1,35,097 0 0

No. 61.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

Divisions during Forest year 1892-93.

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Saugor Division.	Total.	Grand Total for Central Provinces.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
372 0 0	353 0 0	.....	17 0 0	.....	742 0 0	39,730 0 0
.....	.....	.....	.....	.....	4 0 0	3,536 0 0
141 0 0	36 0 0	.....	.....	.....	177 0 0	3,703 0 0
.....	.....	.....	.....	8 0 0	8 0 0	8 0 0
1,699 0 0	11,019 0 0	.....	13 0 0	.....	16,735 0 0	19,671 0 0
...						
2,212 0 0	11,408 0 0	.....	30 0 0	8 0 0	17,666 0 0	66,648 0 0
9,247 0 0	30,736 0 0	3,326 0 0	17,897 0 0	3,291 0 0	1,10,503 0 0	2,80,158 0 0
1,964 0 0	3,742 0 0	1,643 0 0	27,246 0 0	1,529 0 0	1,18,136 0 0	1,66,912 0 0
3,168 0 0	308 0 0	2,069 0 0	22,853 0 0	3,072 0 0	41,451 0 0	95,059 0 0
7,137 0 0	2,736 0 0	2,584 0 0	13,041 0 0	3,150 0 0	63,555 0 0	1,21,822 0 0
25,959 0 0	64,145 0 0	10,014 0 0	39,770 0 0	41,083 0 0	2,78,522 0 0	5,54,534 0 0
4,877 0 0	10,199 0 0	4,570 0 0	2,387 0 0	7,042 0 0	46,366 0 0	1,14,845 0 0
53,352 0 0	1,11,866 0 0	24,206 0 0	1,23,194 0 0	59,167 0 0	6,58,533 0 0	13,33,330 0 0
193 0 0	237 0 0	174 0 0	486 0 0	.....	1,620 0 0	3,965 0 0
193 0 0	237 0 0	174 0 0	486 0 0	.....	1,620 0 0	3,965 0 0
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
105 0 0	7 0 0	10 0 0	.....	19 0 0	166 0 0	315 0 0
10 0 0	693 0 0	.....	12 0 0	59 0 0	862 0 0	1,050 0 0
2,400 0 0	6,024 0 0	1,328 0 0	4,294 0 0	3,242 0 0	28,190 0 0	43,200 0 0
2,515 0 0	6,724 0 0	1,338 0 0	4,306 0 0	3,320 0 0	29,218 0 0	44,565 0 0
58,272 0 0	1,30,235 0 0	25,717 0 0	1,28,016 0 0	62,495 0 0	7,07,037 0 0	14,48,508 0 0

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—CONSERVANCY AND WORKS.				
I.—Timber and other produce removed from the Forests by Government agency—				
a.—Timber	.....	.....	695 0 0	.....
b.—Firewood and charcoal	.....	.....	.....	.....
c.—Bomboos	.....	.....	.....	.....
d.—Sandal-wood	.....	.....	.....	.....
e.—Grass and other minor produce ..	104 0 0	.....	.....	.....
Total ...	104 0 0	.....	695 0 0	.....
II.—Timber and other produce removed from the Forests by consumers or purchasers	319 0 0	13,291 0 0	8,420 0 0	20,150 0 0
Total ...	319 0 0	13,291 0 0	8,420 0 0	20,150 0 0
III.—Drift and waif-wood and confiscated forest produce	.....	.....	.....	.....
Total ...	.....	.....	.....	.....
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	.....	.....	.....	.....
b.—Revenue from shared and private forests	.....	.....	.....	.....
Total ...	.....	.....	.....	.....
V.—Rent of leased forests and payments to shareholders in forests managed by Government	.....	.....	.....	.....
Total ...	.....	.....	.....	.....
VI.—Live-stock, Stores, Tools and Plant—				
a.—Purchase of cattle	.....	.....	.....	.....
b.—Feed and keep of cattle	1,686 0 0	.....	.....	.....
c.—Purchase of stores, tools and plant ...	1,567 0 0	1 0 0	80 0 0	703 0 0
Total ...	3,253 0 0	1 0 0	80 0 0	703 0 0
VII.—Communications and Buildings—				
a.—Roads and bridges	.....	1,377 0 0	.....	706 0 0
b.—Buildings	.....	932 0 0	266 0 0	2,824 0 0
c.—Other works	.....	.....	.....	960 0 0
Total ...	.....	2,309 0 0	266 0 0	4,490 0 0

—FOREST YEAR.—[*Prescribed*].—(Contd.)

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Saugor Division.	Total.	Grand Total for Central Provinces.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
13 0 0	108 0 0	2,630 0 0	5 0 0	2 0 0	3,453 0 0	21,431 0 0
258 0 0	.....	.....	.....	.....	258 0 0	1,255 0 0
127 0 0	24 0 0	.....	...	.....	151 0 0	855 0 0
.....	...	...	..	2 0 0	2 0 0	3 0 0
444 0 0	12,441 0 0	.....	.....	.....	12,989 0 0	16,502 0 0
842 0 0	12,573 0 0	2,630 0 0	5 0 0	4 0 0	16,853 0 0	40,006 0 0
10,329 0 0	15,578 0 0	5,926 0 0	15,881 0 0	11,685 0 0	1,01,579 0 0	1,80,528 0 0
10,329 0 0	15,578 0 0	5,926 0 0	15,881 0 0	11,685 0 0	1,01,579 0 0	1,80,528 0 0
18 0 0	25 0 0	.....	.....	.....	43 0 0	55 0 0
18 0 0	25 0 0	.....	.....	.....	43 0 0	55 0 0
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	133 0 0	.....	133 0 0	133 0 0
.....	.....	.....	133 0 0	..	133 0 0	133 0 0
.....	.....	.....	80 0 0	.....	80 0 0	2,798 0 0
30 0 0	.....	.....	100 0 0	.....	1,816 0 0	5,829 0 0
155 0 0	18 0 0	627 0 0	67 0 0	6 0 0	3,224 0 0	5,601 0 0
185 0 0	18 0 0	627 0 0	247 0 0	6 0 0	5,120 0 0	14,228 0 0
71 0 0	32 0 0	.....	1,674 0 0	47 0 0	3,907 0 0	5,977 0 0
1,124 0 0	2,007 0 0	5 0 0	3,357 0 0	71 0 0	10,586 0 0	15,575 0 0
14 0 0	7 0 0	.....	228 0 0	.....	1,209 0 0	2,000 0 0
1,209 0 0	2,046 0 0	5 0 0	5,259 0 0	118 0 0	15,702 0 0	23,552 0 0

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—CONSERVANCY AND WORKS.—(Continued.)				
VIII.—Demarcation, improvement and extension of forests—				
a.—Demarcation...	.....	325 0 0	614 0 0	13 0 0
b.—Compensation for land and rights ...	.....	.....	.....	.....
c.—Surveys	206 0 0	49 0 0	4 0 0	.....
d.—Working plans	552 0 0	402 0 0	161 0 0	281 0 0
e.—Sowing and planting	.....	.....	198 0 0	.....
f.—Protection from fire	.....	3,868 0 0	293 0 0	6,371 0 0
g.—Other works...	.....	10 0 0	.....	14 0 0
Total ...	758 0 0	4,654 0 0	1,270 0 0	6,679 0 0
IX.—Miscellaneous—				
a.—Refunds	.....	4 0 0	.....	400 0 0
b.—Law charges	.....	.....	.....	.....
c.—Other charges	40 0 0	38 0 0	5 0 0	34 0 0
Total ...	40 0 0	42 0 0	5 0 0	434 0 0
Total A.—Conservancy and Works ...	4,474 0 0	20,297 0 0	10,736 0 0	32,456 0 0
B.—ESTABLISHMENT.				
I.—Salaries—				
a.—Conservators	20,589 0 0	.....	.....	.....
b.—Superior officers	32 0 0	7,799 0 0	5,766 0 0	14,500 0 0
c.—Subordinate forest and Depôt establishments	221 0 0	13,748 0 0	11,709 0 0	24,163 0 0
d—Office establishments	5,409 0 0	1,966 0 0	1,367 0 0	2,631 0 0
e.—Deputation and special allowances ...	3,048 0 0	.....	.....	18 0 0
Total ...	29,299 0 0	23,513 0 0	18,842 0 0	41,312 0 0
II.—Travelling Allowances—				
a.—Conservators	1,829 0 0	.....	.....	.....
b.—Superior officers	.....	1,368 0 0	470 0 0	1,528 0 0
c.—Subordinate forest and Depôt establishments	9 0 0	153 0 0	123 0 0	589 0 0
d.—Office establishments	284 0 0	188 0 0	50 0 0	177 0 0
Total ..	2,122 0 0	1,714 0 0	643 0 0	2,294 0 0
III.—Contingencies—				
a.—Stationery	.....	101 0 0	18 0 0	86 0 0
b.—Carriage of tents and records ...	976 0 0	746 0 0	297 0 0	778 0 0
c.—Rents, rates and taxes	.....	.....	.....	27 0 0
d.—Pay of police guards	.....	.....	.....	.....
e.—Official postage	335 0 0	385 0 0	69 0 0	388 0 0
f.—Sundries	1,490 0 0	816 0 0	2,877 0 0	455 0 0
Total ...	2,801 0 0	2,048 0 0	3,261 0 0	1,734 0 0
Total B.—Establishment ...	34,222 0 0	27,275 0 0	22,746 0 0	45,340 0 0
TOTAL OF EXPENDITURE FOR NORTHERN CIRCLE ...	38,696 0 0	47,572 0 0	33,482 0 0	77,796 0 0

—FOREST YEAR—[*Prescribed.*]—(Concld.)

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Saugor Division.	Total.	Grand Total for Central Provinces.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,805 0 0	961 0 0	161 0 0	1,707 0 0	371 0 0	5,957 0 0	11,279 0 0
.....	.....	.....	.....	.....	.....	.....
9,743 0 0	73 0 0	6,510 0 0	12 0 0	12 0 0	16,609 0 0	40,232 0 0
3,327 0 0	3,083 0 0	87 0 0	927 0 0	123 0 0	8,943 0 0	9,091 0 0
11 0 0	12 0 0	.....	22 0 0	280 0 0	523 0 0	1,557 0 0
2,791 0 0	4,794 0 0	281 0 0	8,183 0 0	1,042 0 0	27,623 0 0	72,853 0 0
20 0 0	82 0 0	.....	.....	874 0 0	1,000 0 0	4,051 0 0
17,697 0 0	9,005 0 0	7,039 0 0	10,851 0 0	2,702 0 0	60,655 0 0	1,39,063 0 0
76 0 0	52 0 0	200 0 0	96 0 0	5 0 0	833 0 0	2,376 0 0
1 0 0	2 0 0	10 0 0	36 0 0	.....	49 0 0	58 9 0
14 0 0	55 0 0	16 0 0	128 0 0	1 0 0	331 0 0	6,900 0 0
91 0 0	109 0 0	226 0 0	260 0 0	6 0 0	1,213 0 0	9,334 0 0
30,371 0 0	39,354 0 0	16,453 0 0	32,636 0 0	14,521 0 0	2,01,298 0 0	4,06,899 0 0
.....	.....	.....	.....	.....	20,589 0 0	44,589 0 0
8,557 0 0	6,051 0 0	11,979 0 0	13,915 0 0	12,003 0 0	80,602 0 0	1,62,737 0 0
10,930 0 0	17,837 0 0	4,869 0 0	20,289 0 0	13,563 0 0	1,17,329 0 0	2,43,565 0 0
1,985 0 0	2,071 0 0	1,227 0 0	2,852 0 0	2,016 0 0	21,524 0 0	48,842 0 0
.....	96 0 0	41 0 0	62 0 0	.....	3,265 0 0	4,537 0 0
21,472 0 0	26,055 0 0	18,116 0 0	37,118 0 0	27,582 0 0	2,43,309 0 0	5,04,270 0 0
.....	.....	.....	.....	.....	1,829 0 0	3,709 0 0
1,630 0 0	1,168 0 0	1,513 0 0	1,975 0 0	1,322 0 0	10,974 0 0	21,538 0 0
344 0 0	523 0 0	183 0 0	596 0 0	281 0 0	2,806 0 0	4,370 0 0
331 0 0	231 0 0	135 0 0	213 0 0	245 0 0	1,854 0 0	3,072 0 0
2,305 0 0	1,922 0 0	1,831 0 0	2,784 0 0	1,848 0 0	17,463 0 0	32,689 0 0
68 0 0	41 0 0	5 0 0	168 0 0	19 0 0	506 0 0	778 0 0
787 0 0	805 0 0	670 0 0	1,042 0 0	533 0 0	6,634 0 0	13,116 0 0
.....	30 0 0	.....	.....	46 0 0	103 0 0	1,209 0 0
.....	.....	.....	.....	.....	.....	.....
313 0 0	113 0 0	107 0 0	341 0 0	748 0 0	2,799 0 0	6,289 0 0
401 0 0	774 0 0	365 0 0	541 0 0	1,160 0 0	8,879 0 0	14,340 0 0
1,569 0 0	1,763 0 0	1,147 0 0	2,092 0 0	2,506 0 0	18,921 0 0	35,732 0 0
25,346 0 0	29,740 0 0	21,094 0 0	41,994 0 0	31,936 0 0	2,79,693 0 0	5,72,690 0 0
55,717 0 0	69,094 0 0	37,547 0 0	74,630 0 0	46,457 0 0	4,80,991 0 0	9,79,590 0 0

ANNUAL FORM

FOREST DEPARTMENT, SOUTHERN

Summary of Revenue of the different Divisions

Budget heads.	Direction.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the Forests by Government agency—				
a.—Timber ...	...	27 1 0	346 8 0	528 10 6
b.—Firewood and charcoal .	.....	531 2 0	37 0 0	397 1 6
c.—Bamboos	.....	1,256 8 7	.....	1,448 6 0
d.—Sandal-wood ...	.	.....	... ..	.....
e.—Grass and other minor produce ..	59 8 9	3 12 0	.....	26 3 0
II.—Timber and other produce removed from the Forests by consumers or purchasers ...	.....	18,547 1 9	3,995 15 0	1,989 7 6
a —Timber	.....	751 0 0	4,272 7 9	3,953 10 0
b.—Firewood and charcoal ...	... .	5,979 9 9	11,062 15 9	794 9 10
c.—Bamboos .	.....	10,973 7 6	6,388 9 6	3,598 11 9
d.—Grazing and fodder grass ..	.....	28,371 3 7	22,466 10 9	18,727 3 0
e.—Other minor produce ...	.. ...	5,711 13 0	5,596 10 6	363 7 10
III.—Drift and waif-wood and confiscated forest produce	.....	258 14 6	459 9 0	70 8 0
IV.—Revenue from Forests not managed by Government—				
a —Duty on foreign timber and other forest produce ...	.....	.....	.....	.....
b.—Revenue from shared and private forests	.....	.....	.....	.....
V.—Miscellaneous—				
a.—Fines and forfeitures ...	.....	.....	16 13 0	94 4 0
b.—Refunds	.....	17 5 7	0 12 4	1 9 11
c.—Other sources	2,323 9 7	1,084 2 1	554 5 9	1,184 6 1
Total Receipts ...	2,383 2 4	73,513 1 4	55,198 5 4	33,178 2 11
A.—CONSERVANCY AND WORKS.				
I.—Timber and other produce removed from the Forests by Government agency—				
a.—Timber ...	.....	3 2 0	326 10 4	123 5 9
b.—Firewood and charcoal ...	.....	37 8 0	.....	180 12 3
c.—Bamboos	.....	172 2 6	.....	219 11 8
d.—Sandal-wood	.....	.....	.....	.....
e.—Grass and other minor produce ...	.....	854 1 6	.....	87 2 0
II.—Timber and other produce removed from the Forests by consumers or purchasers ...	.....	7,353 4 4	5,512 5 8	6,838 5 10
III.—Drift and waif-wood and confiscated forest produce	.....	... ..	.....	.....
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce ...	.....	... .	.....	.....
b.—Revenue from shared and private forests	.....	.....	.....	.....

No. 61.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

during the Financial year 1882-93.

Chanda Division.	Chhattisgarh Division.	Chhindwara Division	Nagpur Wardha Division	Sambalpur Division	Seoni Division.	Total
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
29,050 9 6	397 11 3	.....	1,626 14 4	.....	.....	31,077 6 7
.....	38 0 0	.....	1,872 0 6	.....	.....	2,875 4 0
314 9 1	113 9 0	.....	6 6 0	.....	.....	3,139 6 8
.....	.....	.....	.....	.....	.....	.....
1,177 12 9	1,341 2 3	.....	184 6 2	.....	.....	2,792 12 11
20,023 3 3	3,359 10 6	4,308 9 6	4,501 5 11	1,058 0 0	7,863 8 0	65,646 13 5
9,639 11 6	9,203 12 1	3,348 3 1	3,367 2 2	2,249 9 0	9,412 3 9	46,197 11 4
7,755 12 11	11,273 7 3	2,853 9 9	3,108 13 3	3,714 13 0	6,093 5 9	52,637 1 3
11,414 0 1	1,780 7 6	2,603 9 0	2,865 3 4	8,006 14 0	7,411 5 10	55,042 4 6
63,981 14 3	18,931 0 6	31,386 8 6	44,337 13 3	3,545 11 3	41,568 14 0	2,73,316 15 1
9,385 12 11	26,665 15 9	3,864 4 9	4,023 7 3	205 10 1	5,724 11 8	61,541 13 9
62 11 0	4 9 0	279 4 0	734 0 0	70 3 0	35 8 6	1,975 3 0
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2 0 0	5 0 0	118 1 0
16 1 6	2 0 0	46 13 9	28 12 0	3 4 0	5 12 3	122 7 4
2,479 10 11	1,864 10 7	1,502 13 8	862 12 0	402 5 1	1,339 6 2	13,598 1 11
55,301 13 8	74,975 15 8	50,193 12 0	67,519. 0 2	19,258 5 5	79,459 11 11	6,10,981 6 9
13,327 2 10	184 15 9	.....	531 15 10	.....	.....	14,497 4 6
.....	1 6 0	.....	495 2 2	.....	.....	714 12 5
66 0 0	2 2 0	.....	.....	.....	.....	460 0 2
.....	.....	.....	.....	.....	.....	.....
123 7 8	298 13 10	.....	15 5 6	.....	.....	1,378 14 6
9,357 8 9	12,531 9 11	7,392 7 5	5,571 1 7	2,263 4 5	7,238 13 0	64,058 12 11
11 6 0	.....	.....	.....	.....	.....	11 6 0
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....

ANNUAL FORM No.

Budget heads.	Direction.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
A.—CONSERVANCY AND WORKS—(Contd.)	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
V.—Rent of leased forests and payments to shareholders in forests managed by Government..	.....	.....	.....	.....
VI.—Live-stock, Stores, Tools and Plant—				
a.—Purchase of cattle ...	.....	.....	.....	.....
b.—Feed and keep of cattle ...	806 4 3	.....	.....	.....
c.—Purchase of stores, tools and plant ...	14 8 0	2 12 0	19 2 0	79 15 4
VII.—Communications and Buildings—				
a.—Roads and bridges ...	.....	357 7 9	.....	.....
b.—Buildings	.....	219 10 3	106 4 0	42 8 9
c.—Other works	.....	.....	.....	380 7 3
VIII.—Demarcation improvement and extension of Forests—				
a.—Demarcation	.....	121 13 9	54 3 0	2 0 0
b.—Compensation for land and rights ...	.....	...	.....	.....
c.—Surveys	.....	41 8 0	8,200 2 9	.....
d.—Working-plans	.....	.....	.....	.....
e—Sowing and planting ..	.....	.....	153 15 1	10 8 0
f.—Protection from fire ..	.....	2,245 1 6	856 14 7	2,913 15 1
g.—Other works	.....	1,041 14 6	18 6 0	.....
IX.—Miscellaneous—				
a.—Refunds	.....	10 0 0	.....	.....
b.—Law charges	.....	.....	1 2 0	3 11 0
c.—Other charges	5,268 12 5	.....	19 9 6	313 9 3
Total A.—Conservancy and Works ...	6,089 8 8	12,460 6 1	15,268 10 11	11,196 0 2
B.—ESTABLISHMENTS.				
I.—Salaries—				
a.—Conservators	19,200 0 0	.....	.....	.....
b.—Superior officers ...	6,083 13 10	4,431 1 2	4,866 1 1	6,713 5 3
c.—Subordinate Forest and Depôt establishments... ...	360 0 0	8,260 14 0	7,300 1 2	2,951 14 9
d.—Office establishments ...	5,213 13 2	1,200 0 0	1,594 0 6	900 0 0
e.—Deputation and special allowances ..	427 11 0	8 8 6	.....	.....
II.—Travelling allowances—				
a.—Conservators	1,245 4 0	.....	.....	.....
b.—Superior officers ..	97 6 0	480 0 8	517 10 8	440 12 0
c.—Subordinate Forest and Depôt establishments	.....	127 0 0	5 6 6	53 2 10
d.—Office establishments .	187 4 6	21 8 0	62 9 8	71 2 2
III.—Contingencies—				
a.—Stationery	.....	35 10 3	16 7 3	13 7 3
b.—Carriage of tents and records ...	882 5 0	247 7 3	266 1 8	521 2 6
c.—Rents, rates and taxes ...	828 8 0	.....	.....	.....
d.—Pay of Police guards ...	.....	.....	.....	.....
e.—Official postage... ...	314 5 0	64 4 0	335 5 0	255 0 6
f.—Sundries	962 2 9	425 11 11	212 10 2	206 11 7
Total B.—Establishments ...	35,802 9 3	15,302 1 9	15,176 5 8	12,126 10 10
TOTAL OF EXPENDITURE FOR SOUTHERN CIRCLE ...	41,892 1 11	27,762 7 10	30,445 0 7	23,322 11 0

CALCUTTA;

Dated the 28th June 1893.

61.—(FINANCIAL YEAR).—[*Prescribed*]—(Concld.)

Chanda Division.	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Seoni Division.	Total.
6	7	8	9	10	11	12
Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	.....	.....	.....	.....	.....	.....
2,718 0 0	.....	.....	.....	.....	.....	2,718 0 0
2,204 1 11	.....	...	.....	.....	.....	3,010 6 2
1,720 7 3	22 12 0	47 15 8	87 8 6	198 8 0	20 12 0	2,214 4 9
1,304 3 11	.....	.....	90 5 3	30 11 9	94 11 0	1,877 7 8
1,065 1 2	73 1 7	206 4 0	389 15 0	66 1 0	892 11 6	3,061 9 3
95 14 9	10 0 0	.....	.....	1 2 6	.....	487 8 6
2,450 9 11	287 3 6	192 2 6	821 9 9	472 1 0	60 14 10	4,462 10 3
.....	.....	.....	.....	.....	.....	.....
4 0 0	9,912 13 5	.....	.....	.....	.....	18,158 8 2
.....	.....	.....	.....	.....	.....	.....
.....	595 13 1	1 8 0	27 12 0	.....	69 12 0	859 4 2
15,435 10 6	2,089 14 7	500 9 8	2,319 1 1	382 5 2	1,910 4 9	28,653 12 11
677 2 5	65 10 0	20 0 0	6 6 6	99 4 10	839 10 4	2,768 6 7
31 9 0	100 0 0	.....	.....	.....	17 4 0	158 13 0
0 2 0	.....	.....	.....	.....	.....	4 15 0
65 12 7	256 0 0	1 4 0	0 4 0	4 2 0	.....	5,929 5 9
50,658 4 8	26,432 3 8	8,362 3 3	10,356 7 2	3,517 8 8	11,144 13 5	1,55,486 2 8
.....	.....	.....	.....	.....	.....	19,200 0 0
10,787 2 3	9,234 3 3	7,680 9 9	6,459 10 10	5,416 0 0	6,816 2 1	68,488 1 6
32,135 8 6	9,834 6 10	7,401 14 7	17,749 2 10	3,574 1 6	10,956 1 5	1,00,524 1 7
5 030 5 4	1,534 4 5	1,160 1 8	2,411 2 6	1,040 2 9	1,694 14 9	21,778 13 1
326 2 6	.....	.....	.....	.....	.....	762 6 0
.....	.....	.....	.....	.....	.....	1,245 4 0
1,712 0 8	763 12 0	592 2 0	839 4 0	365 0 0	1,395 7 6	7,203 7 6
280 6 4	50 13 2	19 8 0	154 8 0	13 0 6	28 4 8	732 2 0
172 1 4	90 5 2	48 4 0	64 11 4	42 0 0	44 9 4	804 7 6
78 0 10	39 7 9	21 11 4	36 14 6	2 2 9	11 9 9	255 7 8
932 13 8	457 15 1	286 2 9	506 11 8	156 9 0	383 0 4	4,640 4 11
.....	2 0 0	.....	154 10 8	.....	.....	985 2 8
.....	.....	.....	.....	.....	.....	.....
653 9 0	400 9 0	148 15 6	361 0 6	74 2 0	167 5 6	2,774 8 0
1,395 0 2	356 7 2	336 4 2	179 10 2	180 6 2	335 5 6	4,590 5 9
53,503 2 7	22,764 3 10	17,695 9 9	28,917 7 0	10,863 8 8	21,832 12 10	2,33,984 8 2
1,04,161 7 3	49,196 7 6	26,057 13 0	39,273 14 2	14,381 1 4	32,977 10 3	3,89,470 10 10

I. C. BOSE,

Assistant Comptroller-General (Forests.)

ANNUAL FORM

FOREST DEPARTMENT, SOUTHERN

Summary of Revenue and Expenditure of the different

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad. Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
RECEIPTS.				
I.—Timber and other produce removed from the forests by Government agency—				
a.—Timber	...	...	...	...
b.—Firewood and charcoal ...	...	...	...	...
c.—Bamboos	...	...	...	...
d.—Sandal-wood	..	...	...	...
e.—Grass and other minor produce ...	4,000 0 0	...	...	4 2 0
II.—Timber and other produce removed from the forests by consumers or purchasers ...	...	477 9 9	2,067 12 6	3,151 0 8
a.—Timber	...	20,227 1 3	6,521 5 3	53,512 5 10
b.—Firewood and charcoal ...	...	1,245 10 6	3,908 5 3	4,633 6 0
c.—Bamboos	...	14,062 4 7	1,820 1 9	18,041 12 7
d.—Grazing and fodder grass ..	...	30,897 4 6	37,780 9 6	27,788 7 9
e.—Other minor produce ..	...	7,746 10 3	3,262 4 9	5,985 9 0
III.—Drift and waif-wood and confiscated forest produce	...	24 6 0	...	483 15 0
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce ..	...	...	...	...
b.—Revenue from shared and private forests	...	...	...	...
V.—Miscellaneous—				
a.—Fines and forfeitures ...	...	...	...	...
b.—Refunds	14 8 5	12 15 6	...	0 6 0
c.—Other sources	...	4,610 5 8	1,192 10 3	4,511 15 8
TOTAL RECEIPTS ...	4,014 8 5	79,304 4 0	56,553 1 3	1,18,113 0 6
I.—Timber and other produce removed from the forests by Government agency—				
a.—Timber	...	...	194 0 3	...
b.—Firewood and charcoal ...	...	...	...	...
c.—Bamboos	...	...	...	...
d.—Sandal-wood	...	...	...	...
e.—Grass and other minor produce ...	...	...	...	...
II.—Timber and other produce removed from the forests by consumers or purchasers ...	318 15 5	10,962 5 9	7,283 1 4	10,205 4 1
III.—Drift and waif-wood and confiscated forest produce	...	...	...	...
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	...	...	...	...
b.—Revenue from shared and private forests	...	...	...	...

No. 61.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

Divisions during the Financial year 1892-93.

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Saugor Division.	Total.	Grand Total for Central Provinces.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
371 10 0	94 2 9	...	17 2 0	...	482 14 9	32,460 5 4
...	...	...	...	...	...	2,875 4 0
77 11 6	8 0 0			..	85 11 6	3,225 2 2
...	...	...	.	8 0 0	8 0 0	8 0 0
1,698 12 0	10,654 9 0	...	13 2 3	...	16,370 9 3	19,163 6 2
3,444 2 8	26,882 14 4	763 4 3	3,786 10 6	1,265 5 3	41,838 11 11	1,07,485 9 4
1,936 3 8	2,390 8 11	1,630 8 3	25,984 13 2	1,523 2 3	1,13,726 0 7	1,59,923 11 11
2,838 5 0	307 13 5	1,942 2 9	21,462 12 10	3,003 15 0	39,342 6 9	91,979 8 0
6,022 9 0	2,726 7 4	2,385 1 6	11,933 15 6	2,839 8 9	59,831 13 0	1,14,874 1 6
26,924 11 10	63,780 3 7	9,946 13 9	39,590 8 10	41,046 2 6	2,77,754 14 3	5,51,071 13 4
4,515 8 6	10,003 8 9	2,660 11 9	2,008 2 6	6,503 15 0	42,686 6 6	1,04,228 4 3
190 15 3	237 7 6	165 7 6	485 7 0	...	1,587 10 3	3,562 13 3
...	...	..	...	..	..	...
...	...	...		...	...	...
82 8 3	7 3 0	10 0 0	...	18 13 0	118 8 3	236 9 3
9 3 8	602 8 0	...	11 10 11	59 4 6	710 9 0	833 0 4
2,377 11 1	4,510 6 11	1,046 8 9	4,205 5 6	2,874 5 0	25,329 4 10	38,927 6 9
50,490 0 5	1,22,205 13 6	20,550 10 6	1,09,499 11 0	59,142 7 3	6,19,873 8 10	12,30,754 15 7
12 14 9	83 9 0	76 12 0	5 3 0	2 0 0	374 7 0	14,871 11 6
258 0 0	...	...	...	...	258 0 0	972 12 5
56 1 3	6 0 0	...	...		62 1 3	522 1 5
...	...	...	...	2 0 0	2 0 0	2 0 0
395 7 1	7,080 1 7	...	...	...	7,475 8 8	8,854 7 2
8,983 15 7	13,338 2 7	2,073 10 2	13,320 12 6	10,446 14 10	76,933 2 3	1,40,991 15 2
18 0 0	22 5 9	...	...	...	40 5 9	51 11 9
...	...	...	..	...	...	...
...	...	...	...	...	...	...

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad. Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
V.—Rent of leased forests and payments to shareholders in forests managed by Government ...	...	...	...	...
VI.—Live-stock, Stores, Tools and Plant—				
a.—Purchase of cattle ...	...	...	...	...
b.—Feed and keep of cattle ...	1,441 12 11	...	..	...
c.—Purchase of stores, tools and plant ...	1,082 12 9	1 5 0	56 11 0	653 5 0
VII.—Communications and buildings—				
a.—Roads and bridges ...	...	535 14 6	...	706 0 0
b.—Buildings	...	857 0 0	220 0 0	2,623 10 7
c.—Other works	...	...	...	960 4 0
VIII.—Demarcation, improvement and extension of forests—				
a.—Demarcation	...	270 5 3	469 7 2	12 12 0
b.—Compensation for land and rights ...	...	...	...	...
c.—Surveys	206 11 4	...	4 4 3	...
d.—Working-plans	293 0 0	96 12 10	86 10 7	52 4 0
e.—Sowing and planting ...	...	...	167 15 6	...
f.—Protection from fire ...	...	2,418 2 3	110 13 6	4,574 5 9
g.—Other works	...	10 0 0	...	13 11 0
IX.—Miscellaneous—				
a.—Refunds	...	4 0 0	...	...
b.—Law charges	...	...	...	...
c.—Other charges	30 10 0	37 7 8	3 7 0	34 0 6
Total A.—Conservancy and Works ...	3,373 14 5	15,193 5 3	8,596 6 7	20,035 8 11
B.—ESTABLISHMENT.				
I.—Salaries—				
a.—Conservators	16,538 15 1	...	...	...
b.—Superior officers	32 2 8	6,449 6 9	4,866 1 1	11,800 0 0
c.—Subordinate forest and depôt establishments	165 0 0	11,113 1 5	9,365 2 5	20,300 9 7
d.—Office establishment ...	4,310 2 7	1,538 0 0	1,076 7 7	2,106 6 3
e.—Deputation and special allowances ...	2,364 9 4	...	...	18 3 3
II.—Travelling allowances—				
a.—Conservators	1,501 13 0	...	...	...
b.—Superior officers	...	1,051 12 0	469 13 4	1,528 6 4
c.—Subordinate forest and depôt establishments	...	152 10 0	27 14 4	462 11 5
d.—Office establishments ...	201 15 8	121 14 0	44 6 8	147 4 10
III.—Contingencies—				
a.—Stationery	...	96 14 3	14 9 0	84 15 9
b.—Carriage of tents and records ...	490 2 0	504 0 9	250 12 4	607 4 9
c.—Rents, rates and taxes ...	...	...	...	22 8 0
d.—Pay of Police guards ...	...	...	...	...
e.—Official postage	256 10 6	293 7 6	54 4 6	268 3 0
f.—Sundries	1,087 9 5	525 9 4	2,846 12 2	379 12 10
Total B.—Establishment ...	26,949 0 3	21,846 12 0	19,016 3 5	37,726 6 0
TOTAL OF EXPENDITURE FOR NORTHERN CIRCLE ...	30,322 14 8	37,040 1 3	27,612 10 0	57,761 14 11

No. 61—FINANCIAL YEAR.—[*Prescribed*].—(Concld.)

Jubbulpore Division.	Mandla Division.	Narsinghpur Division	Nimar Division.	Saugor Division.	Total.	Grand Total for Central Provinces.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
...	...	.	133 4 0	...	133 4 0	133 4 0
...	...	...	65 0 0	...	65 0 0	2,783 0 0
...	...	...	77 3 0	...	1,518 15 11	4,529 6 1
131 5 6	18 4 0	626 9 6	67 0 0	...	2,637 4 9	4,851 9 6
60 12 0	32 3 8	...	1,674 0 0	46 13 3	3,055 11 5	4,933 3 1
790 9 4	831 15 4	4 14 8	2,501 7 0	27 7 7	8,057 0 6	11,118 9 9
...	...	...	181 13 0	...	1,142 1 0	1,629 9 6
1,586 10 3	683 6 11	38 8 3	1,599 1 3	242 15 9	4,903 2 10	9,365 13 1
...	...	..	...	...	...	...
8,250 7 0	73 5 3	3,798 15 7	11 9 6	12 6 0	12,357 10 11	30,516 3 1
1,851 9 8	420 8 3	39 5 3	368 10 4	77 13 4	3,286 10 3	3,286 10 3
0 8 0	0 13 0	.	14 1 0	88 10 6	272 0 0	1,131 4 2
1,824 7 11	2,852 4 0	135 15 5	5,537 10 10	695 12 7	18,149 8 3	46,803 5 2
...	82 4 0	..	...	519 1 0	625 0 0	3,393 6 7
75 12 3	20 13 6	200 0 0	...	4 13 0	305 6 9	464 3 9
1 8 0	...	9 8 5	36 0 0	...	47 0 5	51 15 5
6 10 0	49 15 0	16 4 0	119 7 0	0 10 3	298 7 5	6,227 13 2
24,304 10 7	25,595 15 10	7,020 7 3	25,712 2 5	12,167 6 1	1,41,999 13 4	2,97,486 0 0
...	...	..	...	...	16,538 15 1	35,738 15 1
6,600 0 0	3,739 11 7	9,579 0 1	11,214 12 11	9,602 8 0	63,883 11 1	1,32,371 12 7
8,819 11 10	13,886 11 9	3,816 12 3	16,054 5 8	10,934 12 9	94,456 3 8	1,94,980 5 3
1,583 1 5	1,618 3 0	979 14 0	2,286 0 0	1,610 9 7	17,108 12 5	38,887 9 6
...	95 15 0	40 12 0	32 11 9	...	2,552 3 4	3,314 9 4
...	...	...	...	...	1,501 13 0	2,747 1 0
1,377 13 0	810 0 0	1,121 8 0	1,219 8 8	686 0 0	8,264 13 4	15,468 4 10
246 9 6	313 9 8	101 10 8	369 1 2	200 8 2	1,874 10 11	2,606 12 11
269 12 1	175 10 8	88 15 2	157 3 4	179 10 8	1,386 13 1	2,191 4 7
63 8 10	37 14 6	4 2 6	155 9 6	14 10 6	472 4 10	727 12 6
545 4 10	575 4 3	476 12 6	690 12 3	371 1 1	4,511 6 9	9,151 11 8
...	30 0 0	...	...	...	52 8 0	1,037 10 8
...	...	...	...	...	..	..
238 9 0	103 1 0	92 0 6	263 9 0	582 12 6	2,152 9 6	4,927 1 6
306 5 11	607 6 8	245 11 6	396 6 8	1,023 10 1	7,419 4 7	12,009 10 4
20,050 12 5	21,993 8 1	16,547 3 2	32,840 0 11	25,206 3 4	2,22,176 1 7	4,56,160 9 9
44,355 7 0	47,589 7 11	23,567 10 5	58,552 3 4	37,373 9 5	3,64,175 14 11	7,53,646 9 9

ANNUAL FORM No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Forest year 1892-93.

	Rs. a. p.	Rs. a. p.
To Cash Balance	...	66 7 10
„ VIII.—Assessed Taxes—		
Income Tax—Deductions from salaries ...	...	3,363 13 0
„ Revenue as per Annual Summary, Form No. 58 ...	...	7,41,471 0 9
„ Service Funds—		
Civil Fund—Ordinary, Bengal ...	...	...
„ Additional, Bengal ...	...	...
Military Fund—Bengal ...	...	...
„ „ Madras ...	699 15 3	...
„ Orphan Fund—Bengal ...	...	...
Uncovenanted Service Family Pension Fund—Bengal	150 3 0	...
General Family Pension Fund ...	...	
Hindu Family Annuity Fund ...	...	..
		850 2 3
„ Deposits	...	7,620 0 0
„ Forest Cash Remittances—Local—		
Forest cheques drawn ...	4,81,008 12 3	...
Inter-Divisional Transfers ...	13,312 8 10	...
		4,94,321 5 1
„ Advances recoverable	...	4,67,678 1 0
„ Suspense	...	3,448 12 1
„ Account Current (other Governments)—		
Remittances from Government of India ...	26,392 2 11	.
Do. do. Burma ...	554 14 11	...
		26,947 1 10
„ Inter-Departmental Transfers—		
Public Works Department, State Railways ...	1,391 11 2	...
Do. do. Ordinary Branches.	50 11 6	...
Military Department... ...	...	...
Civil Department—		
Rs. a. p.		
Jail ... 4,500 1 3...	...	...
Survey of India Department 65 8 0...	...	...
Miscellaneous ... 105 4 3 ..	4,670 13 6	...
		6,113 4 2
„ XII.—Interest Miscellaneous ..	...	35 10 0
TOTAL FOR SOUTHERN CIRCLE ..	...	17,51,915 10 0

	Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary, Form No. 61 ...	...	4,98,598 13 6
„ Deposits ...	..	6,045 6 9
„ Forest Cash Remittances—Local—		
Remittances to Treasuries ...	7,17,402 3 4	..
Inter-Divisional Transfers ..	13,254 2 3	...
		7,30,656 5 7
„ Advances Recoverable	.	4,80,796 6 0
„ Suspense	.	3,448 12 1
„ Account Current (other Governments)—		
Remittances to the Government of India ..	16,781 2 11	...
Do. do. Burma ..	508 8 3	
		17,289 11 2
„ Inter-Departmental Transfers—		
Public Works Department, State Railways ...	13,742 12 4	...
Do. do. Ordinary Branches.	1,052 6 0	...
Military Department ..	...	...
Civil Department	...	...
Rs. a. p.		
Jail ... 167 6 0 ...	...	...
Miscellaneous ... 10 0 0 ...	177 6 0	...
		14,972 8 4
„ Cash Balance	...	107 10 7
TOTAL FOR SOUTHERN CIRCLE ...	...	17,51,915 10 0

ANNUAL FORM No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Forest year 1892-93.

	Rs. a. p.	Rs. a. p.
To Cash Balance ...	.....	29 11 0
„ VIII.—Assessed Taxes—		
Income Tax—Deductions from salaries.	.....	3,055 4 11
„ Revenue as per Annual Summary, Form No. 61	.....	7,07,037 7 6
„ Service Funds—		
Civil Fund—Ordinary, Bengal ...	.....	.....
„ Additional, Bengal ...	.....	.....
Military Fund, Bengal .	.....	.....
„ „ Madras ..	.....	.....
„ Orphan Fund, Bengal ...	.....	.....
Uncovenanted Service Family Pension Fund, Bengal ...	1,820 6 5	.....
Do. do. Bombay ..	351 2 3	.....
General Family Pension Fund ..	301 14 0	.....
Hindu Family Annuity Fund ...	.....	.....
		2,473 6 8
„ Deposits	.....	191 0 0
„ Forest Cash Remittances—Local—		
Forest cheques drawn ..	4,47,164 7 11	...
Inter-Divisional Transfers ..	23,725 5 2	.....
		4,70,889 13 1
„ Advances recoverable .	.....	2,72,813 11 5
„ Suspense	.....	6,123 7 5
„ Account Current (other Governments)—		
Remittances from Government of India.	21,293 2 5	.....
Do. do. Burma	61 6 0	.....
		21,354 8 5
„ Account Current (with Foreign States) Berar Suspense Account ..	.....	22 2 8
„ Inter-Departmental Transfers—		
Public Works Department Ordinary Branches ...	91 7 7	.....
Military Department ...	.....	.....
Civil Department—		
Rs. a. p.		
Survey of India Departments... 123 0 0	.....	.....
Jail ... 28,846 12 8	.....	.....
Mathematical Instrument Department ... 230 10 0	.....	.....
Miscellaneous *Nil.*	29,200 6 5	29,291 13 10
TOTAL FOR NORTHERN CIRCLE	.....	15,13,282 6 11
GRAND TOTAL FOR C. P.	.....	32,65,198 0 11

	Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary, Form No. 61	.....	4,80,991 12 10
„ Deposits	.....	191 1 3
„ Forest Cash Remittances—Local—		
Remittances to Treasuries ...	7,08,110 1 2	.....
Inter-Divisional Transfers ...	24,259 1 5	.....
		7,32,369 2 7
„ Advances recoverable	.....	2,81,087 2 10
„ Suspense	.....	7,061 14 5
„ Account Current (other Governments)—		
Remittances to the Government of India.	10,171 2 10	.....
Do. do. Burma.	345 0 0	.....
		10,516 2 10
„ Account Current (with Foreign States) Berar Suspense Account	.....	18 7 1
„ Inter-Departmental Transfers—		
Public Works Department Ordinary Branches	1,038 7 2	.....
Military Department	.....	.....
Civil Department	.....	.....
		1,038 7 2
Cash Balance	.....	8 3 11
TOTAL FOR NORTHERN CIRCLE	.....	15,13,282 6 11
GRAND TOTAL FOR C. P. ...	.....	32,65,198 0 11

ANNUAL FORM No. 62.—[*Prescribed*].

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Financial year 1892-93.

	Rs. a. p.	Rs. a. p.
To Cash Balance	...	66 7 10
„ VIII.—Assessed Taxes—		
Income Tax—Deductions from salaries ...	...	2,758 11 7
„ Revenue as per Annual Summary, Form No. 61 ...	...	6,10,981 6 9
„ Service Funds—		
Civil Fund—Ordinary, Bengal	...	...
Do. Additional, Bengal ...	...	...
Military Fund—Bengal	...	...
Do. Madras	561 9 0	...
Do. Orphan Fund, Bengal	...	...
Uncovenanted Service Family Pension Fund, Bengal	150 3 0	...
General Family Pension Fund	...	...
Hindu Family Annuity Fund	...	
		711 12 0
„ Deposits	...	7,320 0 0
„ Forest Cash Remittances—Local—		
Forest cheques drawn	3,79,759 6 7	...
Inter-Divisional Transfers	12,892 3 8	3,92,651 10 3
„ Advances recoverable	...	3,59,212 12 11
„ Suspense	...	3,203 8 10
„ Account Current (other Governments)—		
Remittances from Government of India ...	20,558 13 11	...
Do. do. Burma ...	554 14 11	21,113 12 10
„ Inter-Departmental Transfers—		
Public Works Department, State Railways ...	1,391 11 2	...
Military Department	...	...
Civil Department—		
Jail ... Rs. 4,500-1-3 ...	...	...
Mathematical Instrument Department ...	...	...
Miscellaneous ... Rs. 105-4-3 ...	4,605 5 6	5,997 0 8
„ XII.—Interest miscellaneous	...	35 10 0
TOTAL FOR SOUTHERN CIRCLE ...	...	14,04,052 13 8

	Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary, Form No. 61.	...	3,89,470 10 10
„ Deposits	...	3,392 9 9
„ Forest Cash Remittances—Local—		
Remittances to Treasuries	5,86,495 8 7	
Inter-Divisional Transfers	12,461 9 2	5,98,956 15 9
„ Advances recoverable	...	3,81,342 11 10
„ Suspense	...	3,330 8 10
„ Account Current (other Governments)—		
Remittances to the Government of India ...	12,481 2 11	...
Do. Do. Burma ...	508 8 3	12,989 11 2
„ Inter-Departmental Transfers—		
Public Works Department, State Railways ...	13,401 10 7	...
Do. Ordinary Branches ...	1,038 10 0	...
Military Department ...	...	...
Civil Department—		
Jail ... Rs. 103-10-0 ...	...	...
Miscellaneous ... „ 10-0-0 ...	113 10 0	14,553 14 7
„ Cash Balance	...	15 10 11
TOTAL FOR SOUTHERN CIRCLE ...	...	14,04,052 13 8

CALCUTTA:
The 28th June 1893.

I. C. BOSE,
Assistant Comptroller-General (Forests).

ANNUAL FORM No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Financial year 1892-93.

	Rs. a. p.	Rs. a. p.
To Cash Balance	.....	29 11 0
„ VIII.—Assessed Taxes—		
Income Tax—Deductions from salaries ...	.....	2,422 5 2
„ Revenue as per Annual Summary, Form No. 61.	.....	6,19,873 8 10
„ Service Funds—		
Civil Fund—Ordinary, Bengal	.....	.....
Do. Additional, Bengal	.....	.....
Military Fund, Bengal	.....	.....
„ „ Madras	.....	.....
„ Orphan Fund, Bengal	.....	.....
Uncovenanted Service Family Pension Fund, Bengal	1,422 0 5	.....
„ „ „ „ Bombay	255 6 0	.....
General Family Pension Fund	241 8 0	.....
		1,918 14 5
Hindu Family Annuity Fund	.....	.....
„ Deposits	.....	50 8 0
„ Forest Cash Remittances—Local—		
Forest cheques drawn	3,50,765 6 3	.....
Inter-Divisional Transfers	23,242 14 0	.....
		3,74,008 4 3
„ Advances recoverable	.....	2,06,008 12 1
„ Suspense	.....	6,111 1 5
„ Account Current (other Governments)—		
Remittances from Government of India ...	.....	16,220 0 1
Account Current with Foreign States—		
Berar Suspense Account	.....	22 2 8
„ Inter-Departmental Transfers—		
Public Works Department, Ordinary Branches ...	91 7 7	.....
Military Department	.....	.....
Civil Department—		
Jail	17,288 11 1	.....
Mathematical Instrument Department ...	.....	.....
Miscellaneous	60 0 0	.....
		17,440 2 8
TOTAL FOR NORTHERN CIRCLE ..	.....	12,44,105 6 7
GRAND TOTAL FOR C. P. ...	.....	26,48,158 4 3

	Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary, Form No 61.	.....	3,64,175 14 11
„ Deposits	.....	0 1 3
„ Forest Cash Remittances—Local—		
Remittances to Treasuries	6,20,545 6 11	.....
Inter-Divisional Transfers	23,909 1 5	.....
		6,44,454 8 4
„ Advances recoverable	.....	2,19,859 9 1
„ Suspense	.....	7,061 14 5
„ Account Current (other Governments)—		
Remittances to the Government of India ...	6,469 9 10	.....
Do. do. Burma ...	345 0 0	.....
		6,814 9 10
Account Current with Foreign States—		
Berar Suspense Account	.....	18 7 1
„ Inter-Departmental Transfers—		
Public Works Department, Ordinary Branches ..	1,038 7 2	.....
Military Department	.....	.....
Civil Department	.....	.....
		1,038 7 2
„ Cash Balance	.....	681 14 6
TOTAL FOR NORTHERN CIRCLE ...	.....	12,44,105 6 7
GRAND TOTAL FOR C. P. ...	.....	26,48,158 4 3

ANNUAL FORM No. 63.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Revenue received and Outstandings on account of Revenue during the Forest year 1892-93.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at end of year.	Remarks.
1	2	3	4	5	6	7	8
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	Timber and other produce ...	.....	2,756 15 3	2,756 15 3	2,756 15 3	.....	
Balaghat ...	Ditto ditto ...	.....	96,172 2 4	96,172 2 4	96,172 2 4	.....	
Bhandara ...	Ditto ditto ...	.....	70,171 10 8	70,171 10 8	70,167 8 8	4 2 0	
Bilaspur ...	Ditto ditto ...	100 0 0	48,208 2 7	48,308 2 7	45,996 2 7	2,312 0 0	
Chanda ..	Ditto ditto ..	2,043 0 1	2,26,370 1 0	2,28,413 1 1	(a) 2,26,323 15 1	2,089 2 0	
Chhindwara ...	Ditto ditto ...	1,800 0 0	54,779 14 0	56,579 14 0	(b) 56,579 14 0	.....	
Nagpur-Wardha ...	Ditto ditto ...	.....	74,907 0 4	74,907 0 4	73,854 8 4	1,052 8 0	
Raipur ...	Ditto ditto ...	.....	93,025 6 2	93,025 6 2	93,025 6 2	.....	
Sambalpur ...	Ditto ditto ..	11 8 0	28,939 7 0	28,950 15 0	28,950 15 0	.....	
Seoni ...	Ditto ditto ..	.....	92,462 0 4	92,462 0 4	91,552 0 4	910 0 0	
TOTAL FOR SOUTHERN CIRCLE ...		3,954 8 1	7,87,792 11 8	7,91,747 3 9	7,85,379 7 9	6,367 12 0	

	Rs. a. p.
(a) Amount actually realized during the Forest year ...	2,26,315 15 1
Add amount written off the Chanda Forest Divisional Accounts for June 1893, being irrecoverable revenue as per sanction conveyed in Conservator of Forests, Southern Circle, Central Provinces letter No. A—173, dated the 18th May 1893 ...	8 0 0
Total ...	2,26,323 15 1

	Rs. a. p.
(b) Amount actually realized during the Forest year ...	56,576 10 9
Add amount written off the Chhindwara Forest Divisional Accounts for June 1892 (being irrecoverable balance of the amount of Rs. 92-5-3 embezzled by Drugpal Singh, Forester) as per sanction conveyed in Secretary to the Chief Commissioner, Central Provinces, No. 1784, dated the 2nd June 1892, and Conservator's endorsement No. A-298, dated the 9th June 1892	3 3 3
Total ...	56,579 14 0

ANNUAL FORM No. 63.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Revenue received and Outstandings on account of Revenue during Forest year 1892-93.

Division.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction	...	4,023 0 0	4,023 0 0	4,023 0 0	.....	
Mandla	...	1,30,300 0 0	1,30,300 0 0	1,30,235 0 0	65 0 0	
Jubbulpore	...	59,072 0 0	59,072 0 0	58,272 0 0	800 0 0	
Damoh	1,150 0 0	62,095 0 0	63,245 0 0	63,245 0 0	.....	
Saugor	...	62,495 0 0	62,495 0 0	62,495 0 0	.....	
Narsinghpur	141 12 0	25,588 12 0	25,730 8 0	25,717 0 0	13 8 0	
Hoshangabad	...	1,35,037 0 0	1,35,037 0 0	1,35,037 0 0	.....	
Betul	...	99,997 0 0	99,997 0 0	99,997 0 0	.....	
Nimar	...	1,28,016 0 0	1,28,016 0 0	1,28,016 0 0	.....	
TOTAL FOR NORTHERN CIRCLE ...	1,291 12 0	7,06,623 12 0	7,07,915 8 0	7,07,037 0 0	878 8 0	
GRAND TOTAL FOR C. P. ...	5,246 4 1	1494,416 7 8	14,99,662 11 9	14,92,416 7 9	7,246 4 0	

ANNUAL FORM No. 63.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES,

Revenue received and Outstandings on account of Revenue during Financial year 1892-93.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at the end of year.	Remarks.
1	2	3	4	5	6	7	8
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	Timber and other produce...	...	2,383 2 4	2,383 2 4	2,383 2 4	.....	
Balaghat ...	Do. do. ..	...	73,513 1 4	73,513 1 4	73,513 1 4	.....	
Bhandara ...	Do. do. ...	...	55,202 7 7	55,202 7 7	55,198 5 4	4 2 3	
Bilaspur ...	Do. do. ...	100 0 0	35,378 2 11	35,478 2 11	33,178 2 11	2,300 0 0	On account of lease for Minor Produce falling due in 1893-94 and 1894-95.
Chanda ...	Do. do. ...	2,043 0 1	1,55,983 1 3	1,58,026 1 4	1,55,301 13 8	2,724 3 8	
Chhindwara ...	Do. do. ...	1,800 0 0	49,296 15 3	51,096 15 3	(*a*) 50,196 15 3	900 0 0	
Nagpur-Wardha ...	Do. do. ...	...	67,876 8 2	67,876 8 2	67,519 0 2	357 8 0	
Raipur ...	Do. do. ...	...	74,975 15 8	74,975 15 8	74,975 15 8	.....	
Seoni ...	Do. do. ...	...	79,694 11 11	79,694 11 11	79,459 11 11	235 0 0	
Sambalpur ...	Do. do. ...	11 8 0	19,247 13 5	19,259 5 5	19,258 5 5	1 0 0	
	TOTAL FOR SOUTHERN CIRCLE.	3,954 8 1	6,13,551 15 10	6,17,506 7 11	6,10,984 10 0	6,521 13 11	

	Rs. a. p.
(*a*) Amount actually realized during the Financial year (ending 31st March 1893) .	50,193 12 0
Add amount written off the Chhindwara Forest Divisional Accounts for June 1892 (being irrecoverable balance of the amount of Rs. 92-3-3 embezzled by Drugpal Singh, Forester) as per sanction conveyed in Secy. to Chief Commissioner, Central Provinces, No. 1784, dated 2nd June 1892, and Conservator's endorsement No. A—298, dated 9th June 1892 ...	3 3 3
Total ...	50,196 15 3

ANNUAL FORM No. 63.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Revenue received and Outstandings on account of Revenue during Financial year 1892-93.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the Department at the end of year.	Remarks.
1	2	3	4	5	6	7	8
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	.....	.....	4,014 8 5	4,014 8 5	4,014 8 5	.....	
Mandla ...	.....	.....	1,22,205 13 6	1,22,205 13 6	1,22,205 13 6	.....	
Jubbulpore ...	.....	.....	50,490 0 5	50,490 0 5	50,490 0 5	.....	
Damoh ...	.....	1,150 0 0	55,403 1 3	56,553 1 3	56,553 1 3	.....	
Saugor ...	.....	.....	59,142 7 3	59,142 7 3	59,142 7 3	.....	
Narsinghpur	.....	141 12 0	20,435 6 6	20,577 2 6	20,550 10 6	26 8 0	
Hoshangabad ...	.....	.....	1,18,113 0 6	1,18,113 0 6	1,18,113 0 6	.....	
Betul ...	.....	.....	79,304 4 0	79,304 4 0	79,304 4 0	.....	
Nimar ...	.....	.....	1,09,499 11 0	1,09,499 11 0	1,09,499 11 0	.....	
TOTAL FOR NORTHERN CIRCLE.	.....	1,291 12 0	6,18,608 4 10	6,19,900 0 10	6,19,873 8 10	26 8 0	
AND TOTAL P.	.....	5,246 4 1	12,32,160 4 8	12,37,406 8 9	12,30,858 2 10	6,548 5 11	

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest year 1892-93.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash, and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings.)	By Department (Liabilities.)	
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	
Direction ...	.....	33,221 0 5	33,221 0 5	8,298 6 8	27,497 11 7	35,796 2 3	2,575 1 10	...	
Balaghat ...	.....	29,259 8 10	29,259 8 10	646 4 3	30,273 9 4	30,919 13 7	1,660 4 9	...	
Bhandara ...	.....	16,876 3 4	16,876 3 4	430 10 11	23,501 15 11	23,932 10 10	7,056 7 6	...	
Bilaspur ...	.....	19,462 8 8	19,462 8 8	1,739 11 4	24,043 9 10	25,783 5 2	6,320 12 6	...	
Chanda ...	.....	2,31,658 14 6	2,31,658 14 6	9,112 5 5	2,33,049 3 9	2,42,161 9 2	10,502 10 8	...	
Chhattisgarh ...	.....	39,557 3 10	39,557 3 10	4,237 1 9	37,027 5 1	41,264 6 10	1,707 3 0	...	
Chhindwara ..	.....	20,339 8 9	20,339 8 9	618 10 10	21,961 2 2	22,579 13 0	2,240 4 3	...	
Nagpur-Wardha ...	.....	52,345 11 1	52,345 11 1	910 6 8	56,747 2 1	57,657 8 9	5,311 13 8	...	
Sambalpur ...	.....	866 12 4	866 12 4	305 5 6	2,139 1 8	2,444 7 2	1,577 10 10	...	
Seoni ...	.....	24,090 9 3	24,090 9 3	198 1 4	24,555 8 7	24,753 9 11	663 0 8	...	
TOTAL FOR SOUTHERN CIRCLE.	.....	4,67,678 1 0	4,67,678 1 0	26,497 0 8	4,80,796 6 0	5,07,293 6 8	39,615 5 8	...	

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for Forest year 1892-93.

Division.	Department debtor.			Department creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings).	By Department (Liabilities).	
1	2	3	4	5	6	7	8	9	10
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Direction ...	...	12,701 0 8	12,701 0 8	205 7 3	12,718 13 1	12,924 4 4	223 3 8	...	
Betul ...	...	28,474 15 11	28,474 15 11	502 9 7	28,973 2 3	29,475 11 10	1,000 11 11	...	
Damoh ...	...	2,274 14 5	2,274 14 5	24 9 5	2,679 15 9	2,704 9 2	429 10 9	...	
Hoshangabad ...	...	40,701 8 8	40,701 8 8	715 15 4	43,099 11 6	43,815 10 10	3,114 2 2	...	
Jubbulpore ...	...	29,981 13 10	29,981 13 10	327 15 9	30,673 9 10	31,001 9 7	1,019 11 9	...	
Mandla ...	...	55,552 1 5	55,552 1 5	1,791 7 5	56,709 15 0	58,501 6 5	2,949 5 0	...	
Narsinghpur ...	...	25,191 4 7	25,191 4 7	404 1 1	25,325 14 5	25,729 15 6	538 10 11	...	
Nimar ...	...	56,866 13 4	56,866 13 4	1,760 8 7	57,048 11 9	58,809 4 4	1,942 7 0	...	
Saugor ...	...	21,069 2 7	21,069 2 7	257 11 4	23,857 5 3	24,115 0 7	3,045 14 0	...	
TOTAL FOR NORTHERN CIRCLE ...	...	2,72,813 11 5	2,72,813 11 5	5,930 5 9	2,81,087 2 10	2,87,077 8 7	14,263 13 2	...	
GRAND TOTAL FOR C. P.	...	7,40,491 12 5	7,40,491 12 5	32,487 6 5	7,61,883 8 10	7,94,370 15 3	53,879 2 10	...	

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for the Financial year 1892-93.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings.)	By Department (Liabilities.)	
1	2	3	4	5	6	7	8	9	10
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Direction ...	...	28,346 7 6	28,346 7 6	8,298 6 8	23,685 5 3	31,983 11 11	3,637 4 5	...	
Balaghat ...	...	21,254 4 3	21,254 4 3	646 4 3	24,427 4 3	25,073 8 6	3,819 4 3	...	
Bhandara ...	...	12,435 13 5	12,435 13 5	430 10 11	14,564 5 2	14,995 0 1	2,559 2 8	...	
Bilaspur ...	...	14,123 8 9	14,123 8 9	1,739 11 4	16,997 11 6	18,737 6 10	4,613 14 1	...	
Chanda ...	..	1,75,474 15 7	1,75,474 15 7	9,112 5 5	1,85,506 15 2	1,94,619 4 7	19,144 5 0	...	
Chhattisgarh ...	...	32,415 7 3	32,415 7 3	4,237 1 9	31,370 7 5	35,607 9 2	3,192 1 11	...	
Chhindwara ...	...	14,137 8 7	14,137 8 7	618 10 10	17,793 8 1	18,412 2 11	4,274 10 4	...	
Nagpur-Wardha ...	...	41,015 1 1	41,015 1 1	910 6 8	45,213 15 9	46,124 6 5	5,109 5 4	...	
Sambalpur ...	...	645 8 6	645 8 6	305 5 6	1,926 15 6	2,232 5 0	1,586 12 6	...	
Seoni ...	...	19,364 2 0	19,364 2 0	198 1 4	19,856 3 9	20,054 5 1	690 3 1	...	
TOTAL FOR SOUTHERN CIRCLE.	...	3,59,212 12 11	3,59,212 12 11	26,497 0 8	3,81,342 11 10	4,07,839 12 6	48,626 15 7	...	

CALCUTTA :
The 28th June 1893.

I. C. BOSE,
Assistant Comptroller-General (Forests).

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for Financial year 1892-93.

Division.	Department Debtor.			Department Creditor.			Balance Due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings.)	By Department (Liabilities.)	
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	.....	9,802 2 5	9,802 2 5	205 7 3	10,019 7 7	10,224 14 10	422 12 5	.....	
Betul ...	.....	21,291 8 9	21,291 8 9	502 9 7	22,589 7 3	23,092 0 10	1,800 8 1	.....	
Damoh ...	.....	1,353 13 9	1,353 13 9	24 9 5	1,379 15 9	1,404 9 2	50 11 5	.....	
Hoshangabad ...	.....	33,692 0 9	33,692 0 9	715 15 4	34,198 10 6	34,914 9 10	1,222 9 1	.....	
Jubbulpore ...	.....	22,774 4 9	22,774 4 9	327 15 9	23,518 6 1	23,846 5 10	1,072 1 1	.....	
Mandla ...	.....	37,620 1 5	37,620 1 5	1,791 7 5	44,771 0 6	46,562 7 11	8,942 6 6	.....	
Narsinghpur ...	.....	17,592 3 2	17,592 3 2	404 1 1	20,767 14 5	21,171 15 6	3,579 12 4	.....	
Nimar ...	.....	45,620 5 5	45,620 5 5	1,760 8 7	44,803 12 7	46,564 5 2	943 15 9	.....	
Saugor ...	.....	16,262 3 8	16,262 3 8	257 11 4	17,810 14 5	18,068 9 9	1,806 6 1	.....	
TOTAL FOR NORTHERN CIRCLE ...	.....	2,06,008 12 1	2,06,008 12 1	5,990 5 9	2,19,859 9 1	2,25,849 14 10	19,841 2 9	.....	
GRAND TOTAL FOR C. P. ...	.....	5,65,221 9 0	5,65,221 9 0	32,487 6 5	6,01,202 4 11	6,33,689 11 4	68,468 2 4	.....	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Forest year 1892-93.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts	Charges.	Receipts.	Charges	Charges	Receipts	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ..	59	.....	2,698	3,009	.....	2,757	3,009	
Balaghat ...	1,893	3,129	83,715	21,861	20,414	85,608	45,404	
Bhandara ...	582	996	69,386	19,159	21,748	69,968	41,903	
Bilaspur ...	2,754	1,131	41,253	18,275	14,739	44,007	34,145	
Chanda ...	37,572	17,075	1,61,920	58,431	73,355	1,99,492	1,48,861	
Chhindwara ...	.....	.....	56,577	21,681	13,810	56,577	35,491	
Nagpur-Wardha ...	4,231	1,321	69,608	27,571	25,194	73,839	54,086	
Raipur ..	1,891	870	91,145	32,563	34,341	93,036	67,774	
Sambalpur ...	. ..	.. ...	28,950	11,765	8,528	28,950	20,293	
Seoni ...	.....	.....	87,237	26,064	21,569	87,237	47,633	
TOTAL FOR SOUTHERN CIRCLE ...	48,982	24,522	6,92,489	2,40,379	2,33,698	7,41,471	4,98,599	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Forest year 1892-93.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges	Receipts.	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ..	4,000	264	23	7,011	4,648	4,023	11,923	
Mandla ...	11,408	13,512	1,18,827	28,290	32,605	1,30,235	74,407	
Jubbulpore ...	2,212	1,481	56,060	21,319	35,112	58,272	57,912	
Damoh ..	...	1,288	63,245	17,903	16,749	63,245	35,940	
Saugor ...	8	739	62,487	25,197	23,091	62,495	49,027	
Narsinghpur ...	...	2,959	25,717	16,355	19,128	25,717	38,442	
Hoshangabad ...	4	1,201	1,35,033	39,933	41,797	1,35,037	82,931	
Betul ...	4	753	99,993	24,866	25,401	99,997	51,020	
Nimar ...	30	1,106	1,27,986	34,252	44,031	1,28,016	79,389	
TOTAL FOR NORTHERN CIRCLE ..	17,666	23,303	6,89,371	2,15,126	2,42,562	7,07,037	4,80,991	
GRAND TOTAL FOR C. P. ...	66,648	47,825	13,81,860	4,55,505	4,76,260	14,48,508	9,79,590	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Financial year 1892-93.

Division.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts	Charges.	Receipts	Charges	Charges.	Receipts	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ..	59	...	2,324	2,365	...	2,383	2,365	
Balaghat ...	1,818	1,075	71,695	17,684	13,774	73,513	32,533	
Bhandara ...	383	340	54,815	14,962	18,729	55,198	34,031	
Bilaspur ..	2,400	620	30,778	14,388	10,477	33,178	25,485	
Chanda ...	30,543	15,078	1,24,759	45,004	54,144	1,55,302	1,14,226	
Chhindwara ...	...	...	50,194	18,019	11,302	50,194	29,321	
Nagpur-Wardha ...	3,690	1,276	63,829	22,396	20,000	67,519	43,672	
Raipur ...	1,890	670	73,086	26,488	26,904	74,976	54,062	
Sambalpur ...	...	...	19,258	8,446	7,196	19,258	15,642	
Seoni ...	...	...	79,460	21,239	16,895	79,460	38,134	
TOTAL FOR SOUTHERN CIRCLE ...	40,783	19,059	5,70,198	1,90,991	1,79,421	6,10,981	3,89,471	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Financial year 1892-93.

Division.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ...	4,000	...	15	2,958	592	4,015	3,550	
Betul ...	...	618	79,304	20,535	19,335	79,304	40,488	
Damoh ...	...	678	56,553	15,499	13,893	56,553	30,070	
Hoshangabad ...	4	1,015	1,18,109	26,763	35,119	1,18,113	62,897	
Jubbulpore ...	2,094	1,246	48,396	17,844	27,461	50,490	46,551	
Mandla ...	10,756	7,930	1,11,450	23,179	21,793	1,22,206	52,902	
Narsinghpur ...	...	342	20,551	10,522	13,599	20,551	24,463	
Nimar ...	30	902	1,09,470	28,109	34,300	1,09,500	63,311	
Saugor ...	8	606	59,134	21,296	18,042	59,142	39,944	
TOTAL FOR NORTHERN CIRCLE ...	16,892	13,337	6,02,982	1,66,705	1,84,134	6,19,874	3,64,176	
GRAND TOTAL FOR C. P. ...	57,675	32,396	11,73,180	3,57,696	3,63,555	12,30,855	7,53,647	